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**UNITED STATES  
DEPARTMENT OF AGRICULTURE**

**AGRICULTURAL  
STATISTICS  
1978**



**UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1978**

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# Agricultural Statistics, 1978

This edition of the *Agricultural Statistics* was prepared under the direction of MELVIN L. KOEHN, Chief, Data Services Branch, Economics, Statistics, and Cooperatives Service. EVELYN L. WOOD was responsible for coordination and technical editorial work.

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

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## Introduction

*Agricultural Statistics* is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government agencies.

The historical series in this volume have been generally limited to data beginning with 1963 or later. However, some of the series carry a reference in the source note to the table in *Agricultural Statistics, 1972*, where comparable data for earlier years can be found. In the 1972 issue, historical tables showing totals for the United States begin with 1929 for the principal crops and with 1930 for January 1 livestock numbers. Most fruit and vegetable tables begin with 1944. Other basic tables showing national totals begin with 1949 or 1954 (livestock and poultry tables 1 year later).

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for Alaska are found in chapter XIV.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

## DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**  
(See explanatory text just preceding this table)

## WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Alfalfa seed	Bushel	60	27.2	Celery	Crate <sup>11</sup>	90	40.8
	do.	48	21.8		Log (Camp bell) <sup>12</sup>	16	7.3
Apples	Northwest box <sup>2</sup>	44	20.0	Cherries	Log	20	9
	Fiberboard box, cell pack	37-44	16.8-20.0	Clover seed	Bushel	60	27.2
Apricots	Log (Brent- wood) <sup>1</sup>	24	10.9	Corn:			
Western	4-basket crate <sup>4</sup>	26	11.8	Ear, husked	Bushel	<sup>10</sup> 70	31.8
Artichokes: *				Shelled	do.	56	25.4
Globe	1/4-box	20	9.1	Meal	do.	80	35.7
Jerusalem	Bushel	50	22.7	Oil	Gallon	<sup>10</sup> 7.7	3.5
Asparagus	Crate	30	13.6	Sirup	do.	11.72	5.3
Avocado	Log	12-15	5.4-6.5		Mesh or paper bag	45-50	20.4-22.7
Bananas	Fiber-bolting box <sup>6</sup>	40	18.1	Sweet	Wirebound crate	40-60	18.1-27.2
Barley	Bushel	48	21.8		Bale, gross	<sup>10</sup> 800	227
Beans:				Cotton	Bale, net	<sup>10</sup> 480	216
Lima, dry	do.	56	25.4	Cottonseed	Bushel	<sup>10</sup> 32	14.5
Other, dry	do.	60	27.2	Cottonseed oil	Gallon	<sup>10</sup> 7.7	3.5
	Sack	100	45.4	Cowpeas	Bushel	60	27.2
Lima, un- shelled	Bushel	28-32	12.7-14.5	Cranberries	Barrel	100	45.4
Snap	do.	28-32	12.7-14.5	1/4-bbl. box <sup>13</sup>		25	11.3
Beets:				Cream, 40- percent butterfat	Gallon	8.38	3.80
Without tops	do.	50	22.7	Cucumbers	Bushel	48	21.8
Bunched	Wirebound crate	45	20.4	Deewberries	24-qt. crate	36	16.3
Berries, frozen				Eggplant	Bushel	33	15.0
pack:				Eggs, average size	Case, 30 dozen	47.0	21.3
Without	sugar	50-gal. barrel	380	Esarole	Bushel	25	11.3
3 + 1 pack	do.	425	193	Figs, fresh	Box, single layer <sup>17</sup>	6	2.7
2 + 1 pack	do.	450	204	Flaxseed	Bushel	56	25.4
Blackberries	24-qt. crate	36	16.3	Flour, various	Bag	100	45.4
Blugram seed	Bushel	14-30	6.4-13.6	Grapefruit:			
Broccoli	Wirebound crate	20-25	9.1-11.3	Florida and Texas	1/2-box mesh bag	40	18.1
Broomcorn (6 bales per ton)	Bale	333	151	Florida	1 1/2 bu. box	38.6	17.5
Broomcorn seed	Bushel	44-50	20.0-22.7	Texas	1 1/2 bu. box	80	36.3
Brussels sprouts	Drum	25	11.3	California			
Buckwheat	Bushel	48	21.8	Desert Valleys and Arizona	Box <sup>14</sup>	<sup>10</sup> 64	29.0
Butter	Box	64	29.0	California	Carton <sup>15</sup>	32	14.5
	Open mesh bag	50	22.7	other than Desert Valleys	Box <sup>16</sup>	67	30.4
Cabbage	Wirebound crate <sup>7</sup>	50	22.7	Grapes:	Carton <sup>18</sup>	33 1/2	15.2
	Western crate <sup>8</sup>	80	36.3		4-qt. climax basket	6	2.7
Cantaloupe	Jumbo crate <sup>9</sup>	83	37.6	Eastern	12-qt. basket	18-20	8.2-9.1
Carrots:	(Bushel)	50	22.7		Log <sup>19</sup>	28	12.7
Open mesh bag	do.	50	22.7	Western	4-basket crate <sup>20</sup>	20	9.1
Castor beans	Bushel	41	18.6	Hempseed	Bushel	44	20.0
Castor oil	Gallon	<sup>10</sup> 8	3.6	Hickory nuts	do.	50	22.7
	W.G.A. crate	50-60	22.7-27.2	Honey	Gallon	11.84	5.4
	Fiberboard box, wrapper leaves re- moved, film- wrapped, 2 layers			Honeydew melons	Jumbo crate <sup>21</sup>	44	20.0
Cauliflower		23-35	10.4-15.9	Hops	Bale, gross	200	90.7

See footnotes on page IX.

## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilograms			Pounds	Kilograms
Horseadish roots.....	/Bushel.....	35	15.9	Pears:			
Hungarian millet seed.....	Barrel.....	100	45.4	California.....	Bushel.....	48	21.8
Kale.....	Bushel.....	48 and 50	21.8-22.7	Other.....	do.....	50	22.7
Kapok seed.....	do.....	18	8.2	Western.....	Box <sup>2</sup> .....	48	20.9
Lard.....	do.....	35-40	15.9-18.1	Peas:			
Lemons:		375	170	Green, unshelled.....	Bushel.....	28-30	12.7-13.8
California and Arizona.....	/Box <sup>3</sup> .....	76	34.5	Dry.....	do.....	60	27.2
lentils.....	Carton <sup>4</sup> .....	38	17.2	Peppers, green.....	Fiberboard carton.....	25-30	11.3-13.6
Lettuce.....	Bushel.....	60	27.2	Perilla seed.....	Bushel.....	30-34	13.6-15.4
Lettuce, box, carton.....	Fiberboard box, carton.....	38-55	17.2-24.9	Pinapples.....	Crates <sup>5</sup> .....	37-40	16.8-18.1
Lettuce, hot-house.....	24-qt. basket.....	10	4.5	Plums and prunes:			
Limes (Florida).....	Box.....	80	36.3	California.....	4-basket crate <sup>6</sup> .....	28-34	12.7-15.4
Linseed oil.....	Gallon.....	7.7	3.5	Other.....	1/2-bu. basket.....	28	12.7
Malt.....	Bushel.....	34	15.4	Popcorn.....	On ear.....	70	31.8
Maple sirup.....	Gallon.....	11.03	5.00	Shelled.....	do.....	56	25.4
Meadow fescue seed.....	Bushel.....	24	10.9	Poppy seed.....	do.....	48	20.9
Milk.....	Gallon.....	8.6	3.90	Potatoes.....	Bushel.....	60	27.2
Millet.....	Bushel.....	48-50	21.8-22.7	Barrel.....	Bag.....	165	74.8
Molasses, edible.....	Gallon.....	11.72	5.3	do.....	do.....	50	22.7
Molasses, inedible.....	do.....	11.74	5.3	Quinones.....	Bushel.....	100	45.4
Mustard seed.....	Bushel.....	58-60	26.3-27.2	Rapeseed.....	do.....	50 and 60	22.7-27.2
Oats.....	do.....	32	14.5	Raspberries.....	24-qt. crate.....	36	16.3
Olive.....	Lug <sup>7</sup> .....	25-30	11.3-13.6	Redtop seed.....	Bushel.....	50 and 60	22.7-27.2
Olive oil.....	Gallon.....	7.6	3.5	Refiners' sirup.....	Gallon.....	11.45	5.3
Onions, dry.....	Sack.....	60	22.7	Rice:			
Onions, green bunched.....	Crate.....	60-65	27.2-29.5	Rough.....	(Bushel.....	45	20.4
Onion sets.....	Bushel.....	28-32	12.7-14.5	do.....	Bag.....	100	45.4
Oranges:				Milled.....	Barrel.....	182	73.5
Florida and Texas.....	1/4-box mesh bag.....	45	20.4	Raisin.....	Pocket or bag.....	100	45.4
California and Arizona.....	Box <sup>8</sup> .....	90	40.8	Rutabagas.....	Drum, net.....	820	236
Orchardgrass seed.....	Bushel.....	14	6.4	Rye.....	Bushel.....	56	25.4
Palm oil.....	Gallon.....	7.7	3.5	Sesame seed.....	do.....	48	20.9
Paraspe.....	Bushel.....	50	22.7	Shallots.....	Crates (4-7 doz. bunches).....	20-35	9.1-15.9
Peaches.....	do.....	48	21.8	Sorgho:			
California.....	Lug box <sup>9</sup> .....	20	9.1	Seed.....	Bushel.....	50	22.7
fruit box.....	do.....	18	8.2	Sirup.....	Gallon.....	11.55	5.2
Peanut oil.....	Gallon.....	7.7	3.5	Sorghum grain <sup>10</sup> .....	Bushel.....	56	25.4
Peanuts, unshelled:				Soybeans.....	do.....	60	27.2
Virginia type.....	Bushel.....	17	7.7	Soybean oil.....	Gallon.....	7.7	3.5
Runners, southern.....	do.....	21	9.5	Spelt.....	Bushel.....	40	18.1
Spanish.....	do.....	25	11.3	Spinach.....	do.....	18-20	8.2-9.1
South-eastern.....	do.....	25	11.3	Strawberries.....	24-qt. crate.....	36	16.3
South-western.....	do.....	25	11.3	Sudangrass seed.....	12-pt. crate.....	9-11	4.1-5.0
				Sugarcane sirup (sulfured or unsulfured).....	Bushel.....	40	18.1
				Sunflower seed.....	Gallon.....	11.45	5.2
				Sweetpotatoes.....	Bushel.....	24 and 32	10.9-14.5
				Tangerines, Florida.....	do.....	55	24.9
					Crates.....	50	22.7
					4/5-bu. box.....	47 1/2	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilograms			Pounds	Kilograms
Timothy seed.....	Bushel.....	45	20.4	Tung oil.....	Gallon.....	7.8	3.5
Tobacco:				Turnips:			
Maryland.....	Hogshead.....	775	352	Without tops.....	Mesh sack.....	50	22.7
Flue-cured.....	do.....	850	431	Bunched.....	Crate <sup>2</sup> .....	70-80	31.8-36.3
Burley.....	do.....	975	442	Turpentine.....	Gallon.....	7.25	3.3
Dark air-cured.....	do.....	1,150	522	Velvetbeans			
Virginia.....				(hulled).....	Bushel.....	60	27.2
fire-cured.....	do.....	1,350	612	Vetch.....	do.....	60	27.2
Kentucky and				Walnuts.....	do.....	50	22.7
Tennessee				Water 60° F.....	Gallon.....	8.33	3.8
fire-cured.....	do.....	1,500	680	Watermelons.....	Melons of		
Cigar-leaf.....	Cane.....	250-305	113-166	average or	medium		
	Bale.....	150-175	68.0-79.4	size.....		25	11.3
Tomatoes.....	Crate.....	60	27.2	Wheat.....	Bushel.....	60	27.2
	Log box <sup>3</sup> .....	32	14.5	Various com-	Short ton.....	2,000	907
Tomatoes,	3-layer flat.....	21	9.5	modities.....	Long ton.....	2,240	1,016
hothouse.....	12-qt. basket.....	20	9.1		Metric ton.....	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms.....	0.45359237
Metric tons.....	0.00045359237

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound shaga.....	8 pounds fresh
Do.....	1 case canned ".....	1.4 bushels fresh
Applesauce.....	do ".....	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley flour.....	100 pounds.....	4.89 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned ".....	0.006 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-53 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-53 average)
Cane sirup.....	1 gallon.....	5 pounds sugar
Cherries, tart.....	1 case canned ".....	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned ".....	0.030 ton fresh
Cornmeal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.28 pounds seed cotton, including trash "
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.4 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.6 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream ".....	1 gallon.....	15 pounds milk
Ice cream " (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	29.3 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice ".....	0.64 box fresh fruit
Hops.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-53 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds imported.....	1 pound shelled.....	3½ pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.43 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolia.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice ".....	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
Peaches, clingstone.....	1 case canned ".....	1 bushel fresh
Do.....	do.....	0.0230 ton fresh
Peanuts.....	1 pound shelled.....	1½ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned ".....	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peanut, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>a</sup> .....	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	182 pounds rough or unshelled rice
Rye flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.40 pounds soybeans
Sugar.....	1 ton raw.....	0.9348 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned <sup>a</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>a</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pound scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,326 cubic inches; and the standard fruit and vegetable barrel, 7,054 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10¼ by 11½ by 18 inches.

<sup>3</sup> Approximate inside dimensions, 4¾ by 12½ by 16½ inches.

<sup>4</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup> Approximate dimensions, 4¼ by 13½ by 16½ inches.

<sup>6</sup> Approximate inside dimensions, 12 by 12 by 32 inches.

<sup>7</sup> Inside dimensions vary. Common sizes are 13 by 13 by 22¾ inches, and 13 by 15¼ by 23 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 18 by 21¾ inches.

<sup>9</sup> Approximate inside dimensions, 12 by 13 by 22¾ inches.

<sup>10</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup> Approximate inside dimensions, 9¼ by 16 by 20 inches.

<sup>12</sup> Approximate inside dimensions, 4¾ by 11¼ by 14 inches.

<sup>13</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>14</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 475 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>15</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup> Approximate inside dimensions, 9¼ by 10½ by 15 inches.

<sup>17</sup> Approximate inside dimensions, 1¼ by 11 by 16½ inches.

<sup>18</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>19</sup> In California and Arizona from 1947 through 1983, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ½-box carton as the container used.

<sup>20</sup> Approximate inside dimensions 10¼ by 10¼ by 16½ inches for oranges or lemons, and 9¼ by 10¼ by 16½ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 8¼ by 13¼ by 16½ inches.

<sup>22</sup> Approximate inside dimensions, 4¾ by 16 by 16½ inches.

<sup>23</sup> Approximate inside dimensions, 7¼ by 16 by 21½ inches.

<sup>24</sup> Approximate inside dimensions, 9¼ by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions 12 by 12 by 24 inches.

<sup>26</sup> Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

<sup>27</sup> Approximate inside dimensions, 8¼ by 11¼ by 18 inches.

<sup>28</sup> Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup> Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup> Includes both sorghum grain (kafr, milo, hegari, etc.) and sweet sorghum varieties.

<sup>31</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>32</sup> Case of 24 No. 2½ cans.

<sup>33</sup> Case of 24 No. 303 cans.

<sup>34</sup> Varies widely by method of harvesting.

<sup>35</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>36</sup> This is equivalent to 4.51 bushels of wheat per barrel (106 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.





# CHAPTER I

## STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

Four new tables have been added to this chapter on rice, by length of grain, showing area, yield, production, and stocks of this commodity.

**Table 1.—Total grain: Supply and disappearance, United States, 1963-77**

Year <sup>1</sup>	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons
1963.....	94.9	174.7	0.5	270.1	135.9	42.2	178.1	91.9
1964.....	71.9	160.7	.4	253.0	134.9	41.3	176.2	76.9
1965.....	96.9	183.4	.4	260.7	150.4	51.7	202.1	58.6
1966.....	55.6	184.2	.4	243.1	148.9	44.4	193.3	46.9
1967.....	49.9	207.9	.3	258.1	150.3	44.7	195.1	63.0
1968.....	63.0	202.4	.3	265.7	159.2	34.1	193.3	72.4
1969.....	72.4	206.2	.5	278.1	166.8	38.2	204.5	73.6
1970.....	73.6	186.7	.5	260.8	164.0	41.4	205.4	55.4
1971.....	55.4	237.5	.3	293.3	175.5	43.8	219.3	73.9
1972.....	73.9	228.1	.4	302.3	181.3	73.6	254.0	46.2
1973.....	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.6
1974.....	31.6	204.4	.6	236.5	142.2	66.7	208.8	27.6
1975.....	27.6	248.6	.6	276.8	155.1	84.5	239.7	37.1
1976 <sup>2</sup> .....	37.1	257.3	.5	294.9	153.2	79.4	232.6	62.1
1977 <sup>2</sup> .....	62.1	261.5	.4	324.0				

<sup>1</sup> Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1963-77**

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	Planted (1)	Harvested			For seed	Fed to live-stock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	53,364	45,566	25.2	1,146,821	40,523	15,242	1,091,056	1.85	2,125,315
1964.....	55,672	49,763	25.8	1,283,371	41,198	31,422	1,210,751	1.37	1,756,970
1965.....	57,361	49,590	26.5	1,315,603	39,452	41,823	1,234,328	1.35	1,774,535
1966.....	54,105	49,613	26.3	1,304,589	46,259	35,929	1,232,701	1.63	2,129,888
1967.....	67,264	58,353	25.8	1,507,598	46,005	42,418	1,419,175	1.39	2,060,107
1968.....	61,890	54,765	28.4	1,556,633	39,456	59,396	1,457,783	1.24	1,929,131
1969.....	53,450	47,146	30.6	1,442,679	33,347	58,529	1,356,803	1.25	1,705,738
1970.....	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,603,241
1971.....	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972.....	54,915	47,303	32.7	1,546,309	37,953	47,011	1,461,245	1.76	2,706,121
1973.....	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974.....	71,044	65,368	27.3	1,781,918	54,996	32,300	1,694,622	4.09	7,287,192
1975.....	74,788	66,391	30.6	2,122,459	55,269		2,027,160	3.56	7,534,851
1976.....	80,202	70,771	30.3	2,142,362	103,916		2,038,446	2.73	5,851,443
1977 <sup>2</sup> .....	74,804	66,216	30.6	2,025,793	116,373		1,909,420	2.31	4,677,539

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1963–77

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	Planted <sup>2</sup>	Harvested				
Winter wheat						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	42,289	34,807	26.3	914,090	.....	.....
1964.....	43,532	38,075	26.8	1,020,987	.....	.....
1965.....	45,142	37,588	27.1	1,017,078	.....	.....
1966.....	42,746	38,616	27.4	1,087,371	.....	.....
1967.....	53,649	45,039	26.5	1,194,119	.....	.....
1968.....	48,667	41,929	29.0	1,217,555	.....	.....
1969.....	42,338	36,303	31.2	1,131,439	.....	.....
1970.....	37,623	32,702	33.4	1,091,744	.....	.....
1971.....	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972.....	42,183	34,889	34.0	1,188,498	1.71	2,022,251
1973.....	43,501	38,747	33.0	1,278,220	3.72	4,748,824
1974.....	32,023	46,778	29.4	1,375,826	3.91	5,370,400
1975.....	55,881	51,307	29.0	1,640,396	3.38	5,531,995
1976.....	57,668	49,460	31.5	1,559,923	2.72	4,253,226
1977 <sup>3</sup> .....	55,980	48,419	31.5	1,526,713	2.25	3,436,282
Durum wheat <sup>4</sup>						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	2,054	1,999	25.7	51,427	.....	.....
1964.....	2,519	2,467	27.6	68,146	.....	.....
1965.....	2,361	2,296	30.4	69,866	.....	.....
1966.....	2,491	2,423	25.9	62,638	.....	.....
1967.....	2,826	2,754	24.1	66,443	.....	.....
1968.....	3,715	3,621	27.5	99,644	.....	.....
1969.....	3,466	3,420	31.7	108,403	.....	.....
1970.....	2,167	2,105	25.1	52,771	.....	.....
1971.....	2,943	2,864	33.1	91,805	1.31	120,380
1972.....	2,592	2,550	28.6	72,912	1.93	141,040
1973.....	2,952	2,884	27.2	78,455	6.16	483,002
1974.....	4,174	4,099	19.8	81,245	5.96	484,041
1975.....	4,530	4,680	26.4	123,362	4.66	575,025
1976.....	4,748	4,584	29.4	134,914	2.95	398,856
1977 <sup>5</sup> .....	3,183	3,025	26.4	79,964	2.99	207,255
Other spring wheat <sup>4</sup>						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	9,021	8,700	20.8	181,304	.....	.....
1964.....	9,521	9,220	21.1	194,238	.....	.....
1965.....	9,558	9,678	23.6	228,662	.....	.....
1966.....	8,568	8,574	21.6	184,880	.....	.....
1967.....	10,789	10,590	23.4	247,036	.....	.....
1968.....	9,478	9,215	26.0	239,436	.....	.....
1969.....	7,946	7,423	27.3	202,837	.....	.....
1970.....	8,949	8,757	23.6	207,043	.....	.....
1971.....	12,807	12,451	30.7	381,820	1.32	505,381
1972.....	10,138	9,894	29.0	286,799	1.89	542,820
1973.....	12,801	12,517	28.3	354,112	4.28	1,516,105
1974.....	14,847	14,491	22.4	325,147	4.41	1,432,751
1975.....	14,075	13,404	26.8	358,701	3.98	1,427,831
1976.....	17,786	16,727	26.8	447,833	2.68	1,199,351
1977 <sup>6</sup> .....	16,641	14,772	28.4	419,116	2.47	1,035,802

<sup>1</sup> Seeded in preceding fall for winter wheat.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota; beginning 1976, also includes Arizona and New Mexico.<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949–62 in *Agricultural Statistics, 1972*, table 5.

Table 4.—Wheat: Stocks on and off farms, United States, 1963-77

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	410,988	310,198	183,641	75,669	1,832,621	1,304,088	1,082,158	828,716
1964.....	503,686	389,672	253,450	132,515	1,305,655	1,089,621	881,787	684,740
1965.....	559,314	405,337	255,503	130,774	1,145,702	930,676	691,743	494,399
1966.....	537,841	406,879	237,852	144,860	896,351	640,577	461,370	279,525
1967.....	601,453	505,227	361,015	229,548	954,667	704,490	477,090	309,000
1968.....	727,772	576,932	460,476	325,906	951,545	764,418	648,980	490,754
1969.....	782,300	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970.....	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971.....	826,860	694,549	525,743	355,050	1,046,932	853,100	684,981	506,303
1972.....	730,210	510,302	316,063	153,923	1,140,099	888,801	611,253	394,576
1973.....	606,406	394,382	181,704	89,455	943,084	685,952	396,441	158,201
1974.....	680,469	446,259	274,106	132,734	881,665	661,171	387,982	194,255
1975.....	785,500	547,623	342,624	235,485	1,129,044	828,028	594,181	429,768
1976.....	833,264	665,407	510,978	426,336	1,354,946	1,116,376	878,534	685,912
1977 <sup>3</sup> .....	1,032,236	829,360	642,829	-----	1,385,322	1,160,678	880,686	-----
Durum wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	52,648	46,958	10,846	1,791	35,649	32,360	50,614	39,178
1964.....	57,043	47,873	39,921	19,519	47,335	46,500	42,213	48,249
1965.....	75,997	57,808	48,903	24,029	48,387	42,402	34,294	30,388
1966.....	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967.....	58,269	49,015	32,891	18,181	19,473	14,328	13,386	6,143
1968.....	60,933	64,949	50,724	29,626	18,451	21,020	17,429	11,582
1969.....	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970.....	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971.....	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972.....	91,538	72,016	48,240	19,979	24,458	25,910	23,132	16,891
1973.....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974.....	70,196	51,832	37,836	14,563	21,377	18,727	11,498	6,713
1975.....	87,466	65,412	53,033	38,908	27,657	20,528	18,068	14,550
1976.....	110,544	84,999	79,347	70,643	39,571	32,631	28,895	21,120
1977 <sup>3</sup> .....	163,462	81,891	61,635	-----	36,338	26,524	29,697	-----

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1972*, table 13.

## FOOTNOTES FOR TABLE 2

<sup>1</sup> Includes area seeded in preceding fall for harvest in the year shown.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Beginning 1975, not estimated separately.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1972*, tables 1 and 6.

Table 5.—Wheat: Supply and disappearance, United States, 1963-77

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Begin- ning stocks	Produc- tion	Im- ports <sup>1</sup>	Total	Domestic use				Exports <sup>1</sup>	Total dis- appear- ance	
					Food <sup>2</sup>	Seed	Feed <sup>3</sup>	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1963.....	1,370	1,147	4	2,521	488	65	29	582	846	1,437	983
1964.....	993	1,283	2	2,279	514	66	55	635	723	1,358	921
1965.....	921	1,316	1	2,238	518	61	146	725	832	1,577	680
1966.....	660	1,305	3	1,967	505	77	101	683	771	1,454	513
1967.....	513	1,508	1	2,021	518	71	37	626	765	1,391	630
1968.....	630	1,567	1	2,188	523	61	157	740	544	1,284	904
1969.....	904	1,443	3	2,350	530	86	188	764	603	1,367	983
1970.....	983	1,382	1	2,366	517	82	193	773	741	1,513	823
1971.....	823	1,618	1	2,442	524	63	262	849	610	1,459	983
1972.....	983	1,546	1	2,530	527	67	205	799	1,135	1,934	897
1973.....	597 <sup>4</sup>	1,711	3	2,311	530	84	139	754	1,217	1,971	340
1974.....	340	1,782	3	2,125	521	92	59	672	1,018	1,690	435
1975.....	435	2,122	2	2,559	559	99	63	721	1,173	1,894	665
1976 <sup>4</sup> .....	665	2,142	3	2,810	553	92	103	748	980	1,698	1,112
1977 <sup>4</sup> .....	1,112	2,026	2	3,140							

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalents. <sup>2</sup> Used for food in the United States, U.S. Territories, and by the military. <sup>3</sup> Residual; approximates feed use and includes negligible quantities used for distilled spirits and beer. <sup>4</sup> Excludes an abnormally large volume of grain in transit. <sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1973-76<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1973	1974	1975 <sup>2</sup>	1976 <sup>2</sup>		1973	1974	1975 <sup>2</sup>	1976 <sup>2</sup>
	Million bushels	Million bushels	Million bushels	Million bushels		Million bushels	Million bushels	Million bushels	Million bushels
All wheat:					Hard red spring:				
Stocks, June 1.....	597	340	435	665	Stocks, June 1.....	212	87	104	118
Production.....	1,711	1,782	2,122	2,142	Production.....	338	293	327	411
Supply <sup>3</sup> .....	2,311	2,125	2,559	2,810	Supply <sup>3</sup> .....	541	382	432	530
Exports <sup>4</sup> .....	1,217	1,018	1,173	950	Exports <sup>4</sup> .....	245	120	190	124
Domestic disap- pearance.....	754	672	721	748	Domestic disap- pearance.....	299	148	184	184
Stocks, May 31.....	240	435	665	1,112	Stocks, May 31.....	87	104	118	232
Hard red winter:					Durum:				
Stocks, June 1.....	285	170	225	377	Stocks, June 1.....	45	33	26	53
Production.....	961	633	1,058	976	Production.....	79	81	123	135
Supply.....	1,246	1,053	1,283	1,353	Supply <sup>3</sup> .....	125	114	150	190
Exports <sup>4</sup> .....	775	510	581	418	Exports <sup>4</sup> .....	45	47	52	41
Domestic disap- pearance.....	301	318	325	334	Domestic disap- pearance.....	47	41	45	57
Stocks, May 31.....	170	225	377	601	Stocks, May 31.....	33	26	53	92
Soft red winter:					White:				
Stocks, June 1.....	25	23	37	57	Stocks, June 1.....	30	27	43	60
Production.....	161	273	326	336	Production.....	182	252	288	284
Supply.....	186	296	363	393	Supply <sup>3</sup> .....	213	280	331	344
Exports <sup>4</sup> .....	27	136	165	181	Exports <sup>4</sup> .....	125	195	215	186
Domestic disap- pearance.....	136	123	141	140	Domestic disap- pearance.....	61	42	56	63
Stocks, May 31.....	23	37	57	72	Stocks, May 31.....	27	43	60	95

<sup>1</sup> Data except production are approximations. <sup>2</sup> Preliminary. <sup>3</sup> Total supply includes imports. <sup>4</sup> Imports and exports include flour and other products in wheat equivalents.

Economics, Statistics, and Cooperatives Service—Economics.

Table 7.—Wheat: Area, yield, and production, by States, 1975-77

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	146	140	135	105	85	90	24.0	27.0	28.0	2,530	2,295	2,620
Aris.	270	440	147	260	431	140	70.0	75.0	72.0	18,200	32,325	10,080
Ark.	540	710	825	450	630	660	30.0	39.0	39.0	12,500	24,870	25,740
Calif.	1,075	1,150	915	1,001	940	675	61.2	63.5	64.5	61,241	59,720	43,700
Colo.	3,070	3,150	3,030	2,495	2,440	2,575	22.6	21.8	22.2	56,263	53,200	57,100
Del.	54	44	40	51	40	34	24.0	35.0	31.0	1,234	1,400	1,054
Fla.	26	19	19	13	14	13	25.0	30.0	29.0	325	420	377
Ga.	160	180	135	135	115	100	27.0	31.0	33.0	3,645	3,565	3,300
Idaho.	1,480	1,575	1,330	1,350	1,430	1,190	44.5	47.8	42.6	60,060	68,320	50,730
Ill.	1,790	1,900	1,670	1,730	1,850	1,590	39.0	39.0	43.0	67,470	72,150	68,370
Ind.	1,450	1,550	1,350	1,400	1,500	1,340	44.0	36.0	45.0	61,000	54,000	55,800
Iowa.	106	145	100	100	130	85	34.0	35.0	37.0	3,400	4,550	3,145
Kans.	12,800	12,900	13,200	12,100	11,300	12,100	29.0	30.0	28.5	350,900	330,000	344,550
Ky.	410	450	380	330	330	274	34.0	31.0	27.0	10,890	10,230	10,135
La.	45	45	45	16	23	27	16.0	33.0	34.0	256	750	915
Md.	170	180	140	156	138	118	34.0	38.0	37.0	5,304	5,244	4,368
Mich.	910	880	870	900	870	825	38.0	38.0	40.0	34,200	33,000	33,000
Minn.	3,143	4,155	3,425	2,867	4,055	3,327	30.5	32.2	39.6	88,368	130,482	131,894
Miss.	153	150	140	122	120	105	24.0	29.0	34.0	2,928	3,490	3,570
Mo.	1,650	2,025	1,730	1,470	1,760	1,550	33.0	33.0	39.0	48,510	58,080	60,450
Mont.	5,130	5,580	5,460	4,975	5,415	5,060	31.3	30.9	25.9	155,925	167,295	130,920
Nev.	3,200	3,400	3,300	3,070	2,950	2,950	32.0	32.0	35.0	98,240	94,400	103,250
Nev.	34	34	30	31	31	28	55.7	54.1	55.7	1,820	1,577	1,560
N.J.	63	63	61	54	55	42	36.0	42.0	21.0	1,944	2,310	1,302
N. Mex.	505	528	555	440	383	425	26.0	26.0	21.5	11,440	6,825	9,137
N. Y.	215	185	190	205	175	175	40.0	38.0	39.0	8,200	6,650	6,825
N. C.	315	275	235	275	240	200	31.0	29.0	30.0	8,525	6,960	6,000
N. Dak.	10,627	11,930	9,950	10,213	11,555	9,254	25.9	24.7	24.8	264,392	287,830	229,907
Ohio.	1,725	1,700	1,580	1,680	1,600	1,540	42.0	40.0	47.0	70,560	64,000	72,380
Okl.	7,460	7,800	7,860	6,700	6,300	6,560	24.0	24.0	27.0	180,800	151,200	175,500
Oreg.	1,310	1,370	1,278	1,335	1,333	1,300	46.2	45.2	37.8	58,040	60,501	48,320
Pa.	330	315	255	317	300	270	32.0	30.0	35.0	10,144	9,000	8,910
R.C.	140	138	107	130	125	95	27.0	28.0	29.0	3,510	3,250	2,735
S. Dak.	3,200	3,950	3,655	2,965	2,990	3,016	21.1	13.2	23.9	62,610	39,520	71,954
Tenn.	350	365	373	270	300	280	31.0	37.0	36.0	8,370	11,100	10,080
Tex.	6,500	6,500	6,300	5,700	4,700	4,700	23.0	22.0	25.0	131,100	103,400	117,500
Utah.	302	300	251	282	264	204	25.4	24.7	23.1	7,164	6,519	4,716
Va.	330	275	230	292	240	205	31.0	32.0	31.0	9,052	7,680	6,355
Wash.	3,180	3,285	3,120	3,060	3,300	2,985	45.3	45.0	33.0	147,890	144,050	101,305
W. Va.	13	13	11	11	11	10	32.0	32.0	31.0	252	352	310
Wis.	100	98	83	93	93	75	30.3	24.8	41.0	2,820	3,235	3,075
Wyo.	359	370	353	332	330	281	24.9	24.1	20.0	8,277	7,955	5,620
U.S.	74,786	80,202	74,904	66,391	70,771	66,216	30.6	30.3	30.6	2,122,459	2,142,262	2,025,793

<sup>1</sup> Includes area seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.

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Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1975-77

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	146	140	135	105	85	90	24.0	27.0	28.0	2,520	2,295	2,520
Ariz.....	270	115	58	290	112	55	70.0	75.0	72.0	18,200	8,400	3,980
Ark.....	540	710	825	450	630	660	30.0	30.0	29.0	13,500	24,570	25,740
Calif.....	1,060	1,060	885	960	860	650	61.0	62.0	64.0	80,146	55,320	41,900
Colo.....	3,040	3,100	3,000	2,470	2,400	2,550	22.5	21.5	22.0	55,375	51,600	56,100
Del.....	54	44	40	51	40	34	34.0	35.0	31.0	1,734	1,400	1,054
Fla.....	26	19	19	13	14	13	25.0	30.0	29.0	325	420	377
Ga.....	180	150	125	135	115	100	27.0	31.0	33.0	3,645	3,565	3,300
Idaho.....	990	1,010	950	880	890	830	41.0	44.0	39.0	36,080	39,160	32,370
Ill.....	1,790	1,900	1,070	1,730	1,850	1,590	39.0	39.0	43.0	67,470	72,150	68,370
Ind.....	1,450	1,550	1,350	1,400	1,800	1,240	44.0	36.0	45.0	61,600	54,000	55,900
Iowa.....	106	145	100	100	130	85	34.0	35.0	37.0	3,400	4,550	2,145
Kans.....	12,800	12,900	13,200	12,100	11,300	12,100	29.0	30.0	28.5	350,900	339,000	344,850
Ky.....	410	450	350	320	330	274	34.0	31.0	37.0	10,880	10,230	10,138
La.....	45	45	45	16	23	27	16.0	33.0	34.0	256	736	918
Md.....	170	180	140	156	138	118	34.0	38.0	37.0	5,304	5,244	4,366
Mich.....	910	880	870	900	870	825	38.0	38.0	40.0	34,200	33,060	33,000
Minn.....	88	180	140	80	163	105	23.0	26.0	23.0	1,840	4,238	3,455
Miss.....	153	150	140	122	120	105	24.0	29.0	34.0	2,028	3,480	3,570
Mo.....	1,680	2,025	1,730	1,470	1,780	1,550	33.0	33.0	39.0	45,510	56,080	60,450
Mont.....	3,100	3,200	3,050	3,000	3,080	2,800	35.0	32.0	29.0	105,000	95,560	81,200
Nebr.....	3,300	3,400	3,300	3,070	2,950	2,950	32.0	32.0	35.0	95,240	94,400	103,250
Nev.....	18	19	17	17	18	16	70.0	65.0	60.0	1,190	1,170	960
N.J.....	63	63	61	54	55	42	36.0	42.0	31.0	1,944	2,310	1,302
N. Mex.....	505	510	551	440	245	421	25.0	23.0	21.0	11,440	5,635	8,841
N.Y.....	215	185	190	205	175	175	40.0	38.0	39.0	8,200	6,650	6,825
N.C.....	315	275	235	275	240	200	31.0	29.0	30.0	8,525	6,960	6,000
N. Dak.....	147	140	160	123	135	104	25.5	28.0	23.0	3,127	3,780	2,362
Ohio.....	1,725	1,700	1,580	1,680	1,800	1,540	42.0	40.0	47.0	70,560	64,000	72,380
Okl.....	7,400	7,800	7,800	6,700	6,300	6,500	24.0	24.0	27.0	180,800	181,200	175,500
Oreg.....	1,200	1,250	1,200	1,150	1,220	1,130	47.0	46.0	38.0	54,050	56,120	42,940
Pa.....	330	315	285	317	300	270	32.0	30.0	33.0	10,144	9,000	8,910
S.C.....	140	138	107	130	125	95	27.0	26.0	29.0	3,510	3,250	2,755
S. Dak.....	950	1,190	1,160	770	970	680	30.0	18.0	25.0	23,100	17,400	17,000
Tenn.....	350	365	373	270	300	280	31.0	37.0	36.0	8,370	11,100	10,080
Tex.....	6,500	6,500	6,300	5,700	4,700	4,700	23.0	22.0	25.0	131,100	103,400	117,500
Utah.....	250	250	225	238	222	180	24.0	23.5	23.0	5,712	5,217	4,140
Va.....	330	275	250	292	240	205	31.0	32.0	31.0	9,052	7,680	6,355
Wash.....	2,850	2,960	2,920	2,740	2,885	2,800	50.0	46.0	34.0	137,000	132,710	95,200
W. Va.....	13	13	12	11	11	10	32.0	32.0	31.0	352	352	310
Wis.....	78	67	65	72	64	60	31.0	37.0	43.0	2,332	2,368	2,580
Wyo.....	334	330	327	309	295	260	25.0	24.0	20.0	7,725	7,080	5,200
U.S.....	55,881	57,668	55,960	51,307	49,460	48,419	32.0	31.5	31.5	1,640,396	1,550,922	1,526,713
Durum wheat <sup>3</sup>												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Aris. <sup>4</sup> .....	325	89	319	85	85	75.0	75.0	72.0	23,925	6,120	6,120	
Calif.....	15	30	15	80	28	73.0	80.0	75.0	1,095	6,400	2,100	
Minn.....	105	85	87	93	82	32.5	29.5	34.5	2,828	2,744	2,829	
Mont.....	380	300	330	375	295	220	27.0	29.0	22.0	10,125	8,555	4,840
N. Mex. <sup>4</sup> .....	15	17	4	17	4	70.0	74.0	74.0	1,190	366	366	
N. Dak.....	4,080	3,710	2,600	3,960	3,620	2,470	26.5	25.0	24.5	104,940	90,800	60,515
S. Dak.....	250	210	145	243	160	136	18.0	10.0	24.0	4,374	1,600	3,264
U.S.....	4,830	4,748	3,183	4,680	4,584	3,025	26.4	29.4	26.4	123,362	134,914	79,964

See footnotes at end of table.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1975-77—Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Colo.....	30	50	30	25	40	25	27.5	40.0	40.0	688	1,900	1,000
Idaho.....	490	565	380	470	540	360	51.0	54.0	51.0	23,970	29,160	18,360
Minn.....	2,950	3,880	3,200	2,700	3,800	3,140	31.0	32.5	40.0	83,700	123,800	125,600
Mont.....	1,650	2,080	2,120	1,600	2,040	2,040	28.5	29.5	22.0	40,800	60,180	44,580
Nev.....	16	15	13	14	13	12	45.0	39.0	50.0	630	507	600
N. Dak.....	6,400	8,090	7,200	6,130	7,900	6,680	25.5	24.5	25.0	156,315	193,550	167,000
Oreg.....	110	120	78	105	113	70	38.0	37.0	34.0	3,960	4,181	3,380
S. Dak.....	2,000	2,550	2,350	1,952	1,860	2,300	18.0	11.0	23.5	35,136	20,460	51,700
Utah.....	52	50	26	44	42	24	33.0	31.0	24.0	1,452	1,302	578
Wash.....	330	325	200	320	315	185	34.0	36.0	33.0	10,880	11,340	6,105
Wis.....	22	31	18	21	29	15	28.0	30.0	33.0	568	870	445
Wyo.....	25	40	26	23	35	21	24.0	25.0	20.0	552	875	420
U.S.....	14,075	17,798	15,641	13,404	16,727	14,772	26.8	26.8	28.4	358,701	447,525	419,116

<sup>1</sup> Area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.<sup>3</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."<sup>4</sup> Included in "Winter wheat" prior to 1976.

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Table 9.—Wheat: Price-support operations, United States, 1963-78

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>6</sup>
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1963.....	2.03	81	172	15.0	85	829
1964.....	1.78	71	206	16.1	87	608
1965.....	1.72	67	173	13.1	11	262
1966.....	1.90	74	133	10.2	12	124
1967.....	1.85	71	282	18.7	83	102
1968.....	1.83	69	453	28.7	178	* 157
1969.....	1.94	70	406	27.9	97	* 290
1970.....	2.00	71	254	16.5	11	* 384
1971.....	1.79	61	438	27.1	13	* 358
1972.....	1.72	57	143	9.3	.....	* 8
1973.....	1.46	43	60	3.5	.....	* 6
1974.....	2.05	53	36	2.0	.....	.....
1975.....	2.05	45	48	2.2	.....	.....
1976.....	2.29	47	* 495	* 23.0	* 50	.....
1977.....	2.00/2.47	57/49	* 575	* 28.4	.....	* 10
1978.....	3.00	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1978 (1978 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> A loan level of \$1.82 in 1963, \$1.50 in 1964, and \$1.25 from 1965 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978, target level will be \$3.00 if production is above 1.8 million bushels; \$3.05, if production is below that amount.<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.<sup>4</sup> Represents loans made, purchases, and purchase agreements entered into.<sup>5</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.<sup>6</sup> Uncommitted CCC inventory.<sup>7</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1940-82 in *Agricultural Statistics, 1978*, table 16.



Table 10.—Wheat: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	2,520	683	1,867	2.06	5,166	3,827
Ariz.....	10,080	857	9,223	2.60	26,208	23,980
Ark.....	25,740	788	24,943	2.05	52,767	51,131
Calif.....	43,700	3,069	40,641	2.72	118,830	110,512
Colo.....	57,100	2,627	54,473	2.11	120,260	114,727
Del.....	1,054	96	958	2.10	2,213	2,012
Fla.....	377	40	337	2.20	829	741
Ga.....	3,300	475	2,825	2.25	7,425	6,356
Idaho.....	50,730	1,928	48,802	2.55	120,144	124,236
Ill.....	68,370	4,239	64,131	2.10	143,877	134,675
Ind.....	55,900	3,404	52,496	2.20	122,760	115,271
Iowa.....	3,145	399	2,746	2.10	6,605	5,767
Kans.....	344,850	16,208	328,642	2.15	741,428	706,580
Ky.....	10,138	2,261	7,877	2.00	20,276	15,754
La.....	918	63	855	2.10	1,928	1,796
Md.....	4,366	480	3,886	2.10	9,169	8,161
Mich.....	33,000	4,336	28,664	2.00	66,000	57,288
Minn.....	131,894	4,221	127,673	2.60	330,253	310,714
Miss.....	3,570	257	3,313	2.00	7,140	6,626
Mo.....	60,460	6,389	53,861	2.10	128,945	113,108
Mont.....	120,920	6,152	114,768	2.35	311,544	296,505
Neb.....	103,250	5,679	97,571	2.20	227,150	214,636
Nev.....	1,660	435	1,125	2.63	4,104	2,960
N.J.....	1,302	116	1,186	2.15	2,799	2,650
N. Mex.....	9,137	485	8,652	2.10	19,302	18,183
N.Y.....	6,825	662	6,163	1.95	13,309	12,018
N.C.....	6,000	1,140	4,860	2.20	13,200	10,692
N. Dak.....	229,907	9,426	220,481	2.44	560,495	537,516
Ohio.....	72,380	5,284	67,096	2.15	155,617	144,236
Okl.....	175,500	12,811	162,689	2.30	403,050	374,183
Oreg.....	45,320	1,677	43,643	2.65	120,098	115,654
Pa.....	8,910	2,005	6,905	2.40	21,384	16,572
S.C.....	3,755	601	2,154	2.15	5,923	4,631
S. Dak.....	71,964	3,826	68,438	2.51	180,598	171,749
Tenn.....	10,080	1,633	8,447	2.25	22,680	19,006
Tex.....	117,900	5,992	111,908	2.25	264,375	250,893
Utah.....	4,716	712	4,004	2.44	11,525	9,786
Va.....	6,355	2,021	4,334	2.15	13,663	9,318
Wash.....	101,305	2,026	99,279	2.65	268,458	263,099
W. Va.....	310	139	171	2.20	682	276
Wis.....	3,075	144	2,931	1.97	6,065	5,781
Wyo.....	5,620	697	4,923	2.11	11,865	10,394
U.S.....	2,025,793	116,373	1,909,420	2.31	4,677,339	4,413,432

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Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	9,470	11,232	10,111	1.80	2.10	1.94	17,078	23,587	19,651
Guatemala.....	46	48	44	.87	.90	.98	40	43	43
Honduras.....	1	1	1	1.00	1.00	1.00	1	1	1
Mexico.....	804	845	710	3.53	3.79	3.31	2,840	3,350	2,350
United States.....	28,308	28,640	26,797	2.06	2.04	2.06	58,078	58,306	55,133
<b>Total.....</b>	<b>38,538</b>	<b>40,826</b>	<b>37,663</b>	<b>2.02</b>	<b>2.09</b>	<b>2.05</b>	<b>78,037</b>	<b>85,287</b>	<b>77,178</b>
<b>South America:</b>									
Argentina.....	5,270	6,428	4,185	1.63	1.71	1.43	8,570	11,000	6,000
Bolivia.....	78	78	78	.88	.90	.90	69	70	70
Brazil.....	3,111	3,624	2,800	.50	.83	.71	1,555	3,000	2,900
Chile.....	585	628	510	1.20	1.94	1.69	702	1,219	882
Colombia.....	30	38	41	1.33	1.36	1.39	40	49	57
Ecuador.....	59	52	44	.98	.88	.77	51	46	34
Paraguay.....	25	30	30	.72	.63	1.50	18	19	45
Peru.....	137	140	140	1.04	1.05	1.07	143	148	150
Uruguay.....	456	500	370	1.00	1.01	.95	456	504	350
Venezuela.....	2	2	2	.50	.50	.50	1	1	1
<b>Total.....</b>	<b>9,753</b>	<b>11,518</b>	<b>8,200</b>	<b>1.19</b>	<b>1.39</b>	<b>1.17</b>	<b>11,605</b>	<b>16,056</b>	<b>9,569</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	190	212	209	3.77	4.40	4.56	716	932	952
Denmark.....	102	127	116	5.10	4.50	5.17	520	571	600
France.....	3,876	4,290	4,129	3.87	3.76	4.25	15,013	16,180	17,046
Germany, Fed. Rep. of.....	1,569	1,632	1,589	4.47	4.11	4.48	7,014	6,702	7,126
Ireland.....	48	53	51	4.31	4.00	4.90	207	212	250
Italy.....	3,545	3,552	3,830	2.71	2.68	2.35	9,610	9,528	8,650
Netherlands.....	107	130	126	4.93	5.46	5.24	528	710	660
United Kingdom.....	1,097	1,231	1,073	4.33	3.85	4.91	4,488	4,740	5,267
<b>Total EC.....</b>	<b>10,474</b>	<b>11,227</b>	<b>10,123</b>	<b>3.64</b>	<b>3.52</b>	<b>3.86</b>	<b>38,096</b>	<b>39,545</b>	<b>38,551</b>
Austria.....	270	280	290	3.50	4.27	3.80	945	1,234	1,102
Finland.....	219	220	131	2.84	2.97	2.43	632	654	318
Greece.....	910	930	913	2.28	2.66	1.86	2,078	2,351	1,700
Malta-Gozo.....	1	1	1	2.00	2.00	2.06	2	2	2
Norway.....	16	20	23	3.13	3.25	3.91	50	65	90
Portugal.....	461	533	279	1.30	1.28	.67	601	671	186
Spain.....	2,661	2,772	2,752	1.62	1.60	1.45	4,302	4,436	3,988
Sweden.....	301	395	376	4.92	4.46	4.15	1,481	1,763	1,562
Switzerland.....	86	88	90	4.00	4.38	4.00	344	385	380
<b>Total Western Europe.....</b>	<b>15,399</b>	<b>16,465</b>	<b>14,078</b>	<b>3.15</b>	<b>3.10</b>	<b>3.20</b>	<b>48,521</b>	<b>51,106</b>	<b>47,859</b>
Albania.....	190	180	180	1.42	1.50	1.50	270	270	270
Bulgaria.....	820	793	785	3.34	3.93	3.90	2,742	2,116	3,100
Czechoslovakia.....	1,183	1,278	1,270	3.55	3.76	3.94	4,202	4,807	5,000
German Dem. Rep.....	688	762	790	3.98	3.56	3.92	2,736	2,715	3,100
Hungary.....	1,251	1,325	1,311	3.20	3.88	4.05	4,005	5,138	5,312
Poland.....	1,842	1,832	1,894	2.83	3.14	3.05	5,207	5,745	5,600
Romania.....	2,386	2,388	2,269	2.06	2.81	2.86	4,912	6,720	6,500
Yugoslavia.....	1,615	1,733	1,604	2.73	3.47	3.50	4,404	5,979	5,621
<b>Total Eastern Europe.....</b>	<b>9,975</b>	<b>10,281</b>	<b>10,053</b>	<b>2.85</b>	<b>3.35</b>	<b>3.43</b>	<b>28,478</b>	<b>34,490</b>	<b>34,503</b>
<b>Total Europe.....</b>	<b>25,374</b>	<b>26,746</b>	<b>25,031</b>	<b>3.03</b>	<b>3.20</b>	<b>3.29</b>	<b>76,999</b>	<b>85,596</b>	<b>82,362</b>
<b>Soviet Union (Europe and Asia)</b>	<b>61,985</b>	<b>60,462</b>	<b>62,000</b>	<b>1.07</b>	<b>1.63</b>	<b>1.45</b>	<b>66,224</b>	<b>66,882</b>	<b>90,000</b>
<b>Africa:</b>									
Algeria.....	2,150	2,150	2,150	.42	.93	.70	900	2,000	1,500
Angola.....	13	13	13	.77	.77	.77	10	10	10
Egypt.....	885	598	502	3.48	3.36	3.37	2,033	1,970	1,690
Ethiopia.....	1,110	575	600	.79	.80	.83	880	460	500
Kenya.....	117	120	122	1.50	1.50	1.55	176	180	189
Libya.....	120	120	120	.67	.67	.67	80	80	80
Morocco.....	1,691	1,921	1,928	.93	1.11	.79	1,675	2,135	1,825
Mozambique.....	6	6	6	.50	.50	.50	3	3	3
Nigeria.....	4	5	5	1.75	1.40	1.60	7	7	8
Southern Rhodesia.....	28	28	28	4.50	3.04	3.04	126	85	85
South Africa.....	1,788	1,666	1,705	1.00	1.20	1.07	1,792	2,239	1,825
Sudan.....	200	200	200	1.88	1.25	1.00	375	250	200

See footnotes at end of table.

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Tanzania.....	50	50	50	1.00	1.00	1.00	50	50	50
Tunisia.....	1,065	1,050	1,100	.85	.84	.30	910	880	325
Zambia.....	1	1	1	1.00	2.00	2.00	1	2	2
Zaire.....	3	3	3	.67	.67	.67	2	2	2
<b>Total.....</b>	<b>8,931</b>	<b>8,694</b>	<b>8,533</b>	<b>1.00</b>	<b>1.19</b>	<b>.94</b>	<b>8,920</b>	<b>10,353</b>	<b>7,994</b>
<b>Asia:</b>									
Afghanistan.....	3,000	3,000	3,000	1.07	.98	.88	3,200	2,940	2,840
Bangladesh.....	150	146	146	1.43	1.87	1.87	215	273	273
Burma.....	70	70	70	.84	.63	.63	59	65	65
China, People's Rep. of.....	27,700	27,900	27,900	1.44	1.84	1.43	40,000	43,000	40,000
Cyprus.....	65	65	65	1.00	1.00	1.00	65	65	65
India.....	18,010	20,454	20,863	1.34	1.41	1.39	24,104	28,846	29,082
Iran.....	5,300	5,000	5,000	.96	1.10	1.00	5,000	5,500	5,000
Iraq.....	1,408	1,750	1,750	.80	.75	.48	945	1,313	945
Israel.....	110	102	100	2.21	1.90	2.30	243	203	230
Japan.....	90	89	86	2.68	2.49	2.74	241	222	236
Jordan.....	118	137	125	.42	.50	.49	50	68	61
Korea, North.....	160	160	160	.33	.53	.53	53	85	85
Korea, Rep. of.....	44	37	27	2.45	2.22	1.67	108	82	45
Lebanon.....	52	60	35	1.25	.67	1.29	65	40	45
Nepal.....	260	348	380	1.28	1.04	1.29	332	363	380
Outer Mongolia.....	380	380	380	.79	.79	.79	285	285	285
Pakistan.....	5,815	6,111	6,373	1.32	1.42	1.43	7,673	8,691	8,942
Saudi Arabia.....	100	100	100	1.50	1.50	1.50	150	150	150
Syria.....	1,692	1,590	1,000	.92	1.13	1.00	1,550	1,790	1,000
Turkey.....	8,500	8,600	8,400	1.35	1.51	1.61	11,500	13,000	13,500
Yemen, Southern (Aden).....	14	14	14	1.00	1.00	1.00	14	14	14
<b>Total.....</b>	<b>72,918</b>	<b>76,093</b>	<b>75,754</b>	<b>1.31</b>	<b>1.41</b>	<b>1.36</b>	<b>95,784</b>	<b>106,993</b>	<b>102,923</b>
<b>Oceania:</b>									
Australia.....	8,555	8,943	10,371	1.41	1.32	.89	12,024	11,825	9,200
New Zealand.....	106	94	95	4.30	3.93	3.94	464	369	374
<b>Total.....</b>	<b>8,663</b>	<b>9,037</b>	<b>10,466</b>	<b>1.44</b>	<b>1.35</b>	<b>.91</b>	<b>12,488</b>	<b>12,194</b>	<b>9,574</b>
<b>World total.....</b>	<b>226,162</b>	<b>232,376</b>	<b>227,647</b>	<b>1.55</b>	<b>1.78</b>	<b>1.67</b>	<b>350,057</b>	<b>413,361</b>	<b>379,600</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1977 and end early in 1978.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and wheat flour: United States imports, 1963-76

Year beginning June	Wheat		Flour (wheat equivalent) <sup>1</sup>	Other products (wheat equivalent) <sup>2</sup>	Total wheat, flour, and other products	Wheat for milling in bond and export as flour
	Suitable for milling <sup>3</sup>	Unfit for human consumption				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	801	2,900	90	241	4,032	0
1964.....	800	738	90	232	1,890	0
1965.....	4	552	87	277	920	0
1966.....	891	400	174	368	1,833	0
1967.....	( <sup>4</sup> )	480	37	438	925	0
1968.....	( <sup>4</sup> )	484	91	471	1,046	0
1969.....	794	1,417	55	567	2,833	0
1970.....	397	265	90	723	1,475	0
1971.....	101	82	89	781	1,063	0
1972.....	29	52	90	1,131	1,302	0
1973.....	1,262	70	178	1,113	2,623	0
1974.....	1,734	100	367	1,134	3,364	0
1975.....	631	344	62	1,307	2,374	0
1976.....	1,298	20	32	1,381	2,731	0

<sup>1</sup> Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 765,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. <sup>2</sup> Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." <sup>3</sup> Includes macaroni, semolina, and similar products. <sup>4</sup> Less than 500 bushels.

Economics, Statistics, and Cooperatives Service—Economics.

Table 13.—Wheat and wheat flour: United States exports under specified Government programs, 1963-76

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	393,428	11,790	29,881	29,871	19,657	605	485,232
1964.....	445,949	59,843	17,420	28,863	3,545	126	555,746
1965.....	385,492	80,969	32,598	25,216	5,078	177	529,530
1966.....	215,152	39,719	24,032	15,779	1,869	2,194	298,745
1967.....	225,308	117,729	26,654	12,547	-----	746	382,984
1968.....	82,558	111,940	36,151	9,931	-----	1,515	242,115
1969.....	69,447	154,697	33,668	11,430	-----	-----	269,242
1970.....	46,970	143,267	30,477	11,381	-----	966	233,061
1971.....	22,686	153,282	37,856	12,006	-----	754	227,680
1972.....	-----	90,576	35,954	12,603	-----	86	139,047
1973.....	-----	26,355	10,891	8,302	-----	11,074	56,522
1974.....	-----	102,269	6,705	7,873	-----	-----	116,847
1975.....	-----	105,861	2,734	7,046	-----	8,348	123,930
( <sup>8</sup> ).....	-----	(44,350)	(2,752)	(1,526)	-----	(6,481)	(55,109)
1976.....	-----	133,502	8,873	17,940	-----	17,376	177,691

<sup>1</sup> Year beginning July 1 for 1963-75 and Oct. 1 for 1976. <sup>2</sup> Authorized by Title I, P.L. 480. <sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-506. <sup>4</sup> Authorized by Title II, P.L. 480. <sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-506, effective Jan. 1, 1967. <sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963. <sup>7</sup> Foreign Assistance Act of 1961, as amended. <sup>8</sup> Negative quantity due to adjustments for prior periods. <sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.

Table 14.—Wheat and wheat flour in terms of grain: International trade, 1974-76

Country	Year beginning July					
	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Principal exporters:</b>						
Canada.....	11,186		12,139		12,900	
United States <sup>2</sup> .....	25,039	54	31,522	54	25,731	83
Argentina.....	2,165		3,188		5,650	
Australia.....	8,341		7,671		8,450	
Uruguay.....	21	20	46		104	
Bulgaria.....		300	112			100
France.....	8,078		9,129		8,780	187
Italy.....	543	1,631		1,903	770	2,431
Romania.....	640		705	854	1,385	828
Spain.....	42	43	7	47	10	21
Sweden.....	1,074	14	771	9	903	11
Soviet Union.....	4,000	2,500	500	10,100	1,000	4,500
Algeria.....		1,906		1,063		1,289
Morocco.....		1,105		1,235		973
Syria.....		191		222		235
Tunisia.....	5	285		301		457
Turkey.....		1,018	20		300	
<b>Total<sup>3</sup>.....</b>	<b>64,034</b>	<b>9,409</b>	<b>66,783</b>	<b>16,778</b>	<b>63,983</b>	<b>11,114</b>
<b>Principal importers:</b>						
Jamaica.....		165		138		135
Trinidad and Tobago.....		80		122		100
Cuba.....		830		830		830
Brazil.....		1,728		3,705		2,696
Peru.....		866		825		850
Austria.....	1	1	88	8	1	13
Belgium and Luxembourg.....	688	1,302	1,277	1,312	450	700
Denmark.....	218	17	158	26	190	3
Finland.....	150	25	24	10	189	6
Germany, Fed. Rep. of.....	1,445	918	1,677	1,825	1,480	1,379
Greece.....	87	2	221	2	240	2
Ireland.....	61	219	5	215	9	169
Netherlands.....		1,684		2,127		1,231
Norway.....		250		330		288
Switzerland.....	17	347	14	240	14	279
United Kingdom.....	59	2,929	306	4,269	88	3,424
Yugoslavia.....	6	332	7	602	13	550
Egypt.....		3,490		3,800		4,100
South Africa.....	69		29		205	
India.....		5,656		6,600		3,526
Indonesia.....		846		834		1,000
Israel.....		350		492		462
Japan.....	29	5,404	36	5,923	36	5,521
Korea, Rep. of.....		1,577		1,445		1,993
Lebanon.....	2	298	1	346		363
Malaysia.....		395		404		400
Pakistan.....		1,574		1,025		373
Philippines.....		503		550		775
<b>Total<sup>3</sup>.....</b>	<b>2,832</b>	<b>31,761</b>	<b>3,843</b>	<b>37,765</b>	<b>2,945</b>	<b>31,168</b>

<sup>1</sup> Preliminary.<sup>2</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>3</sup> Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## WHEAT AND FLOUR

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Table 15.—Wheat and flour: <sup>1</sup> United States exports (domestic) by country of destination, 1975 and 1976

Country of destination	Year <sup>2</sup>			Country of destination	Year <sup>3</sup>		
	1975	Transition quarter	1976		1975	Transition quarter	1976
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
<b>Wheat:</b>				<b>Wheat flour, wholly of</b>			
Canada.....	13,970	3,862	16,062	U.S. wheat:			
Central America.....	13,518	3,269	9,534	Central America.....	484	51	530
Caribbean.....	94,827	11,333	18,944	Jamaica.....	134	105	534
Brazil.....	15,929	13,488	14,996	Trinidad and Tobago.....	218	148	952
Colombia.....	12,456	4,064	11,204	Other Caribbean.....	1,130	148	952
Ecuador.....	8,994	3,282	8,394	Bolivia.....	218	153	338
Peru.....	19,667	4,942	15,658	Brazil.....	95	88	518
Venezuela.....	23,066	6,214	23,653	Chile.....	397	88	448
Other Americas.....	3,093	1,364	17,415	Colombia.....	448	109	448
				Guyana.....	7	5	6
				Other Americas.....	594	165	1,786
<b>Total Americas.....</b>	<b>205,508</b>	<b>51,918</b>	<b>135,360</b>	<b>Total Americas.....</b>	<b>3,507</b>	<b>624</b>	<b>5,392</b>
Belgium and Luxembourg.....	1,608	559	1,804	Greece.....	1	—	—
France.....	3,637	297	668	Netherlands.....	107	24	96
Germany, Fed. Rep. of.....	39,420	12,248	8,168	Portugal.....	2	—	—
Ireland.....	504	—	—	Other Europe.....	233	62	215
Italy.....	14,297	6,914	8,006				
Netherlands.....	28,708	9,639	20,247	<b>Total Europe.....</b>	<b>343</b>	<b>86</b>	<b>311</b>
Norway.....	1,320	—	—	Sri Lanka.....	1,000	4,731	10,252
Portugal.....	6,301	2,680	18,562	Japan.....	1	—	4
Spain.....	1,149	4	2,401	Jordan.....	244	1	336
Switzerland.....	2,910	1,074	375	Korea, Rep. of.....	49	1	1
United Kingdom.....	7,650	64	2,146	Lebanon.....	—	—	119
Other Europe.....	176,726	40,394	145,293	Philippines.....	554	54	612
				Saudi Arabia.....	699	2,174	10,376
<b>Total Europe.....</b>	<b>284,150</b>	<b>73,193</b>	<b>207,664</b>	Other Asia.....	1,044	356	955
India.....	150,870	54,128	21,000	<b>Total Asia.....</b>	<b>13,592</b>	<b>7,297</b>	<b>22,635</b>
Iran.....	5,495	8,956	46,116	Ghana.....	1	8	8
Israel.....	16,917	4,596	19,136	Morocco.....	1,145	399	1,357
Japan.....	122,555	26,935	123,637	Other Africa.....	10,371	5,424	17,069
Korea, Rep. of.....	54,216	20,783	72,402				
Lebanon.....	2,610	1,157	2,479	<b>Total Africa.....</b>	<b>11,515</b>	<b>5,831</b>	<b>18,374</b>
Pakistan.....	21,706	1,157	6,319	Oceania.....	112	41	112
Philippines.....	15,693	6,774	14,604				
Syria.....	2,480	—	2,358	<b>World total.....</b>	<b>29,069</b>	<b>14,079</b>	<b>46,744</b>
China, Rep. of.....	18,237	—	16,829	Relief or charity <sup>4</sup> .....	3,858	937	7,842
Turkey.....	—	—	—				
Other Asia.....	56,617	11,707	50,142				
Algeria.....	26,559	5,679	16,388				
Morocco.....	15,004	3,738	12,042				
South Africa.....	—	—	—				
Tunisia.....	2,770	782	6,556				
Other Africa.....	65,065	29,451	97,134				
Other countries.....	—	9,398	22,116				
<b>World total.....</b>	<b>1,125,864</b>	<b>309,197</b>	<b>873,251</b>				
Relief or charity <sup>4</sup> .....	4,262	834	12,379				

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Year beginning July 1 in 1975; year beginning Oct. 1 in 1976; the transition quarter is July 1, 1976–Sept. 30, 1976.<sup>3</sup> Transshipments through Ghana have been included in data for countries of ultimate destination.<sup>4</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—International Wheat Agreement: Recorded exports of wheat and flour (grain equivalent), crop year 1976-77<sup>1</sup>

Member country imports	Member country exports							Grand total
	United States	Canada	European Community	Australia	Argentina	Sweden	Greece	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
Algeria.....	356,049	399,291	81,289	—	207,843	51,477	—	1,095,949
Australia.....	—	—	37	—	—	—	—	37
Argentina.....	—	—	8	—	—	—	—	8
Austria.....	3,300	—	4,967	—	—	—	—	7,967
Barbados.....	1,165	8,570	5,487	325	—	—	—	15,547
Bolivia.....	127,742	—	5,448	—	47,498	—	—	180,688
Brazil.....	657,338	996,064	18,710	—	1,054,784	—	—	2,726,846
Canada.....	—	—	14	—	—	—	—	14
Costa Rica.....	87,736	—	—	—	—	—	—	87,736
Cuba.....	—	470,223	—	—	49,151	—	—	519,373
Dominican Republic.....	187,985	—	—	—	—	—	—	187,985
Egypt.....	2,055,569	210,520	898,117	1,034,262	63,739	4,153	—	4,057,390
Ecuador.....	264,220	—	—	—	—	—	—	264,220
El Salvador.....	107,140	—	—	—	—	—	—	107,140
European Community:	—	—	—	—	—	—	—	—
Belgium.....	21,802	41,100	—	—	20,997	—	—	83,899
Denmark.....	31	—	—	—	—	—	—	31
France.....	32,300	—	32,155	—	—	—	—	64,455
Germany, Fed. Rep. of.....	137,500	328,980	—	—	88,782	16,000	—	536,262
Italy.....	320,100	496,896	—	104,885	601,421	—	—	1,523,102
Netherlands.....	729,259	95,285	—	—	—	—	—	824,544
United Kingdom.....	72,304	1,301,306	—	29,815	—	—	—	1,403,425
Unspecified <sup>2</sup> .....	—	—	—	—	—	—	33,101	33,101
Finland.....	5,000	—	3	—	—	—	—	5,003
Greece.....	3	898	1,242	—	—	—	—	1,943
Guatemala.....	83,769	—	—	—	—	—	—	83,769
India.....	2,032,750	148,267	98,047	1,180,494	—	—	—	3,459,556
Iran.....	1,206,600	89	42,842	—	—	—	—	1,249,531
Iraq.....	58,000	199,859	12	528,504	92,026	—	—	878,401
Israel.....	485,500	—	34,147	—	—	—	—	522,647
Japan.....	3,280,283	1,389,731	—	1,075,571	—	—	—	5,715,585
Kenya.....	493,039	207	—	6,635	—	—	—	499,881
Korea, Rep. of.....	1,818,732	13,349	21	21,000	—	—	—	1,853,102
Lebanon.....	22,200	—	67,261	—	41,400	17,980	—	148,821
Lithuania.....	—	11,001	310,046	—	135,148	—	—	356,195
Malta.....	33,900	—	6,635	30,503	13,798	—	—	86,836
Mauritius.....	—	—	46,961	—	—	—	—	46,961
Morocco.....	369,630	23,742	105,135	—	384,885	—	—	883,373
Nigeria.....	642,855	12,743	11,064	—	5,000	—	—	671,662
Norway.....	—	80,715	470	—	41,061	153,600	—	255,846
Pakistan.....	244,116	57,860	31,501	15,947	—	—	—	349,424
Panama.....	58,927	—	—	—	—	—	—	58,927
Peru.....	432,189	110,705	3,465	71,799	141,175	—	—	759,363
Portugal.....	395,100	566	5,452	—	5,582	3,000	—	415,700
Saudi Arabia.....	261,734	671	122,038	—	83,926	—	—	448,359
South Africa.....	96	100	3	—	—	—	—	199
Spain.....	—	21,000	3,683	—	150,333	—	—	175,017
Surinam.....	—	—	—	—	—	—	—	—
Sweden.....	42	—	37,648	—	—	—	—	37,690
Switzerland.....	137,000	107,500	33,411	9,800	31,200	—	—	318,911
Syria.....	26,407	8,261	291,924	—	—	—	—	326,592
Trinidad and Tobago.....	24,555	72,473	570	—	—	—	—	97,598
Tunisia.....	135,998	738,778	76,828	—	230,628	—	—	1,182,229
Turkey.....	60	—	260	—	—	—	—	320
United Kingdom Territories.....	111,374	38,063	5,851	7,787	—	—	—	163,075
United States.....	20,506	46,551	116	—	—	—	—	67,173
Soviet Union.....	2,885,600	997,889	—	482,731	139,254	—	—	4,468,474
Venezuela.....	596,900	122,950	127	—	99,245	—	—	819,231
Total.....	20,683,269	8,534,166	2,043,562	4,623,784	3,612,926	346,220	33,101	39,777,028

<sup>1</sup> Data in this table are limited to exports and imports of wheat and flour during July 1, 1976 through June 30, 1977 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 18 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA.

<sup>2</sup> Country of destination within EC not reported to International Wheat Council.

Office of the General Sales Manager. Data from International Wheat Council Report for crop year 1976-77.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested			For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	4,376	1,588	18.4	29,178	1,855	3,307	24,016	1.08	31,891
1964.....	4,552	1,696	19.1	32,476	1,856	3,341	27,279	1.04	34,041
1965.....	4,237	1,473	22.6	33,307	1,562	3,347	28,298	.977	32,983
1966.....	3,980	1,276	21.8	27,791	1,458	3,119	23,214	1.06	29,977
1967.....	3,660	1,063	23.5	23,949	1,293	2,626	20,030	1.07	26,001
1968.....	3,425	996	23.1	22,971	1,391	2,354	19,226	1.02	23,686
1969.....	3,959	1,291	23.4	30,204	1,494	2,510	25,610	1.01	30,847
1970.....	4,196	1,427	25.8	36,840	5,096	3,144	31,144	.980	36,711
1971.....	4,842	1,751	28.1	49,223	6,497	4,236	42,726	.896	44,844
1972.....	3,458	1,050	26.9	28,256	4,216	2,404	24,040	.963	27,791
1973.....	3,380	955	25.8	24,677	4,672	2,005	20,005	1.91	46,532
1974.....	2,828	784	22.3	17,506	3,850	13,656	13,656	2.51	43,876
1975.....	2,829	729	21.9	15,958	3,659	12,299	12,299	2.36	37,491
1976.....	2,652	721	20.7	14,651	3,060	11,291	11,291	2.47	37,199
1977 <sup>3</sup> .....	2,662	694	24.5	16,998	3,916	13,182	13,182	2.05	35,440

<sup>1</sup> Includes rye sown in preceding fall and in the spring of year shown.

<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>3</sup> Beginning 1969, not estimated separately.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1920-62 in *Agricultural Statistics, 1978*, tables 16 and 24.

Table 18.—Rye: Stocks on and off farms, United States, 1963-77

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	11,189	5,608	3,458	1,712	11,707	9,157	7,360	3,691
1964.....	17,741	11,340	9,216	2,638	11,495	9,643	8,150	10,218
1965.....	18,222	12,136	9,938	3,949	17,822	15,677	14,850	15,056
1966.....	15,536	9,582	7,532	3,580	22,188	18,821	18,736	19,097
1967.....	12,240	8,652	6,756	3,724	20,908	19,010	16,407	14,288
1968.....	13,250	8,770	5,841	1,990	18,314	15,425	14,097	13,967
1969.....	15,598	10,010	7,321	2,797	21,946	18,739	16,981	18,333
1970.....	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,848
1971.....	28,306	21,600	17,172	11,541	34,435	33,115	32,158	34,091
1972.....	30,701	18,471	12,641	6,607	40,632	38,098	35,781	36,484
1973.....	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974.....	10,935	6,082	3,861	2,717	8,881	5,500	4,690	2,941
1975.....	9,002	5,308	2,926	2,033	5,654	3,777	2,830	2,371
1976.....	7,944	4,739	2,841	1,953	6,120	4,151	3,367	2,465
1977 <sup>3</sup> .....	10,363	6,127	3,975	.....	4,074	2,910	1,941	.....

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 22.



Table 19.—Rye: Supply and disappearance, United States, 1963-77

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use					Ex- ports	Total disap- pearance	
					Food	Seed	Indus- try	Feed <sup>1</sup>	Total			
1963	1,000 10,247	1,000 29,178	1,000 649	1,000 40,074	1,000 4,690	1,000 6,282	1,000 3,612	1,000 7,073	1,000 21,657	1,000 11,952	1,000 33,609	1,000 6,465
1964	6,465	32,476	2,111	41,052	4,910	6,019	3,854	9,975	24,758	2,192	26,950	14,102
1965	14,102	33,307	1,972	49,381	5,237	5,682	4,278	9,935	25,132	3,780	28,912	20,469
1966	20,469	27,791	1,501	49,761	5,153	5,422	4,712	9,895	25,182	4,206	29,387	20,374
1967	20,374	23,949	759	45,082	5,704	5,143	4,755	9,988	22,570	2,993	25,563	19,519
1968	19,519	22,971	1,086	43,546	5,563	5,753	4,997	9,157	25,170	1,082	26,252	17,294
1969	17,294	30,304	472	47,970	5,322	5,054	4,310	9,529	25,288	805	26,093	21,880
1970	21,880	36,840	1,047	59,757	5,430	5,673	3,822	11,407	27,323	3,204	30,436	29,331
1971	29,331	49,223	241	78,795	5,195	5,262	3,006	16,276	29,738	2,177	31,915	46,880
1972	46,880	28,256	154	75,290	5,122	5,321	3,038	16,458	29,939	6,535	36,474	38,816
1973	38,816	24,677	1	63,494	6,250	4,980	2,547	8,020	21,806	27,513	49,319	14,175
1974	14,175	17,506	277	31,958	5,450	5,040	1,388	6,986	16,871	6,465	25,336	6,622
1975	6,622	15,958	944	23,524	4,172	4,790	2,060	6,981	18,003	1,117	19,120	4,404
1976 <sup>2</sup>	4,404	14,951	248	19,603	3,696	4,723	1,930	4,798	15,147	38	15,185	4,418
1977 <sup>2</sup>	4,418	16,998	200	21,616								

<sup>1</sup> Residual item; roughly approximates total use as feed.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 20.—Rye: Area, yield, and production, by States, 1975-77

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bush- els	1,000 bush- els	1,000 bush- els
Colo.....	21	35	30	4	7	4	22.0	23.0	20.0	88	161	80
Del.....	45	32	30	6	4	4	25.0	27.0	27.0	150	108	108
Ga.....	430	390	425	90	95	95	15.0	22.0	21.0	1,350	2,090	1,965
Ill.....	78	65	65	17	15	15	22.0	21.0	22.0	374	315	330
Ind.....	48	50	55	9	10	10	26.0	23.0	26.0	234	230	260
Iowa.....	25	24	20	5	5	4	26.0	28.0	29.0	130	140	116
Kans.....	60	50	60	8	8	8	21.0	17.0	18.0	168	156	180
Ky.....	60	60	56	4	3	4	23.0	20.0	27.0	100	60	108
Md.....	65	65	62	8	8	8	29.0	30.0	30.0	232	240	240
Mich.....	125	123	115	19	18	19	24.0	26.0	24.0	456	468	456
Minn.....	100	116	104	89	105	84	25.0	19.5	29.0	2,225	2,048	2,436
Mo.....	65	62	65	6	5	6	22.0	21.0	27.0	132	105	162
Nebr.....	115	100	90	45	45	50	19.0	17.0	21.0	855	765	1,050
N.J.....	77	77	76	7	8	9	25.0	30.0	29.0	175	240	261
N.Y.....	105	100	105	10	9	9	30.0	30.0	31.0	300	270	279
N.C.....	125	130	130	30	20	21	17.0	19.0	19.0	340	380	399
N. Dak.....	125	120	110	119	111	79	25.0	25.5	25.0	2,975	2,831	1,750
Ohio.....	90	80	80	7	7	8	30.0	30.0	31.0	210	210	248
Okl.....	200	170	190	30	32	34	19.0	19.0	19.0	570	608	646
Oreg.....	42	40	35	8	7	5	24.0	24.0	25.0	192	168	125
Pa.....	60	65	65	11	12	12	29.0	26.0	31.0	319	312	372
S.C.....	130	120	120	33	30	32	18.0	17.0	20.0	594	510	640
S. Dak.....	140	165	175	102	99	120	23.0	15.0	29.0	2,346	1,455	3,480
Tenn.....	24	22	22	2	2	2	17.0	27.0	23.0	34	64	46
Tex.....	250	175	150	40	27	25	19.0	14.0	16.0	760	378	400
Va.....	150	150	150	10	11	14	23.0	24.0	25.0	230	264	350
Wash.....	20	20	23	3	3	3	20.0	22.0	20.0	60	66	60
Wis.....	40	35	35	15	12	14	21.0	21.0	26.0	315	252	364
Wyo.....	6	9	9	2	3	3	22.0	19.0	19.0	44	57	57
U.S.....	2,829	2,652	2,652	729	721	694	21.9	20.7	24.5	15,958	14,951	16,998

<sup>1</sup> Relates to the total area of rye sown for all purposes, including spring-sown rye and area seeded in preceding fall.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 21.—Rye: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Colo.....	80	22	58	1.60	128	93
Del.....	108	30	78	2.10	227	164
Ga.....	1,995	798	1,197	2.35	4,688	2,813
Ill.....	330	49	281	2.00	660	562
Ind.....	280	91	189	2.00	560	378
Iowa.....	116	41	75	2.10	244	188
Kans.....	180	68	112	1.75	315	196
Ky.....	108	33	75	1.95	211	146
Md.....	240	101	139	2.10	504	292
Mich.....	456	182	274	1.65	753	453
Minn.....	2,436	219	2,217	2.15	5,237	4,767
Mo.....	162	32	130	1.90	306	247
Nebr.....	1,050	241	809	1.75	1,838	1,416
N.J.....	361	60	301	2.40	826	482
N.Y.....	279	92	187	3.00	838	374
N.C.....	399	136	263	2.25	898	592
N. Dak.....	1,756	310	1,546	1.80	3,150	2,772
Ohio.....	248	97	151	2.25	558	340
Ola.....	646	300	446	2.45	1,583	1,093
Oreg.....	125	16	109	1.95	244	213
Pa.....	372	238	134	2.15	800	288
S.C.....	640	205	435	2.55	1,632	1,109
S. Dak.....	3,480	244	3,236	1.85	6,438	5,987
Tenn.....	46	14	32	2.10	97	67
Tex.....	400	120	280	1.80	720	504
Va.....	350	154	196	4.70	1,645	921
Wash.....	80	2	88	1.75	105	102
Wis.....	394	109	285	1.80	655	459
Wyo.....	57	12	45	1.90	108	86
U.S.....	16,998	3,816	13,182	2.05	35,449	27,033

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 22.—Rye: Price-support operations, United States, 1963-78

Year beginning July <sup>1</sup>	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1963.....	1.07	75	1.5	5.1	0.4	9.8
1964.....	1.07	78	6.8	20.9	6.6	5.9
1965.....	1.02	73	6.9	20.7	5.2	9.2
1966.....	1.02	72	2.4	8.6	1.6	7.3
1967.....	1.02	73	2.7	11.3	2.5	8.0
1968.....	1.02	72	4.6	19.7	3.0	*10.9
1969.....	1.02	69	6.9	21.8	6.2	*16.1
1970.....	1.02	68	12.1	32.9	11.2	*20.9
1971.....	.89	57	20.0	40.6	11.5	*31.0
1972.....	.89	56	6.9	23.6	1.5	*.1
1973.....	.89	51	.4	1.5	.....	.....
1974.....	.89	46	.2	1.0	.....	.....
1975.....	.89	39	.1	.6	.....	.....
1976.....	1.20	48	.1	1.0	.....	.....
1977.....	1.70	61	.9	* 5.4	.....	.....
1978.....	* 1.70	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 19.

Table 23.—Rye: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	330	251	242	1.63	1.75	1.62	523	440	392
United States.....	324	283	283	1.41	1.35	1.53	457	381	432
Total.....	644	534	525	1.52	1.54	1.57	980	821	824
South America:									
Argentina.....	308	340	300	.89	.97	1.00	273	330	300
Brazil.....	20	14	17	.80	.93	1.06	16	13	18
Chile.....	10	11	12	1.10	1.45	1.33	11	16	16
Ecuador.....	2			.50			1		
Total.....	340	365	329	.89	.98	1.02	301	359	334
Europe:									
Belgium-Luxembourg.....	10	17	20	3.00	2.94	3.50	30	50	70
Denmark.....	49	72	85	3.33	2.97	3.64	163	214	320
France.....	110	114	124	2.65	2.49	2.79	292	284	346
Germany, Fed. Rep. of.....	624	663	681	3.41	3.17	3.74	2,126	2,100	2,549
Italy.....	17	16	16	2.18	2.19	2.19	37	35	35
Netherlands.....	18	21	21	3.50	3.10	3.52	63	65	74
United Kingdom.....	6	8	11	3.17	2.38	3.18	19	19	35
Total EC.....	834	911	961	3.27	3.04	3.57	2,730	2,767	3,429
Austria.....	119	120	115	2.92	3.42	3.30	347	410	380
Finland.....	38	65	47	2.13	2.74	1.87	81	178	88
Greece.....	4	4	4	1.50	1.50	1.25	6	6	5
Norway.....	1	2	2	4.00	3.50	4.00	4	7	8
Portugal.....	210	211	209	.69	.70	.43	145	148	90
Spain.....	228	225	225	1.08	.95	.91	241	214	205
Sweden.....	95	122	116	5.45	3.50	3.10	523	427	360
Switzerland.....	6	8	8	4.00	4.50	4.25	24	36	34
Total Western Europe.....	1,535	1,668	1,687	2.54	2.51	2.73	3,906	4,193	4,599
Albania.....	12	12	12	.83	.83	.83	10	10	10
Bulgaria.....	17	13	15	1.06	1.23	1.33	18	16	20
Czechoslovakia.....	191	186	160	2.77	3.02	3.13	530	561	500
German Dem. Rep.....	593	600	620	2.64	2.43	2.58	1,563	1,455	1,600
Hungary.....	104	93	91	1.41	1.68	1.56	147	156	142
Poland.....	2,792	2,934	3,116	2.25	2.36	1.77	6,270	6,922	5,500
Romania.....	40	40	40	1.25	1.23	1.23	50	49	49
Yugoslavia.....	84	76	75	1.17	1.38	1.33	98	105	100
Total Eastern Europe.....	3,833	3,954	4,129	2.27	2.35	1.92	8,686	9,374	7,921
Total Europe.....	5,368	5,622	5,816	2.38	2.40	2.15	12,592	13,467	12,520
Soviet Union (Europe and Asia).....	8,000	9,035	6,800	1.13	1.55	1.03	9,064	13,991	7,000
Africa:									
South Africa.....	100	89	82	.04	.04	.06	4	4	4
Total.....	100	89	82	.04	.04	.06	4	4	4
Asia:									
Turkey.....	565	530	520	1.33	1.40	1.33	750	740	690
Total.....	565	530	520	1.33	1.40	1.33	750	740	690
Oceania:									
Australia.....	20	28	22	.55	.54	.55	11	15	12
Total.....	20	28	22	.55	.54	.55	11	15	12
World total.....	15,037	16,203	14,074	1.58	1.61	1.52	23,702	29,397	21,384

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1977 and end early in 1978. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table

<sup>1</sup> Includes  
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<sup>2</sup> Prelim

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tables 26

1963.....  
1964.....  
1965.....  
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<sup>1</sup> No st  
<sup>2</sup> Stock  
<sup>3</sup> Oct. 1  
<sup>4</sup> Prelim

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<sup>4</sup> Less  
<sup>5</sup> Prelim

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Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	1,785	1,771	3,968	70,260	708	60,561	5.01	352,150
1964.....	1,796.8	1,785.6	4,098	73,166	692	72,474	4.90	358,634
1965.....	1,903.8	1,792.7	4,255	76,281	639	75,642	4.93	376,227
1966.....	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967.....	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	445,968
1968.....	2,366.6	2,353.4	4,425	104,143	680	103,463	5.00	521,237
1969.....	2,140.6	2,128.4	4,318	91,904	580	91,344	4.95	455,045
1970.....	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971.....	1,826.0	1,817.9	4,718	85,788	499	85,260	5.34	457,607
1972.....	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973.....	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974.....	2,560.0	2,531.0	4,440	112,386	1,022	111,364	11.30	1,261,330
1975.....	2,833.0	2,818.0	4,588	128,437	763	127,674	8.35	1,071,624
1976.....	2,489.0	2,480.0	4,663	115,648	387	115,261	7.02	811,338
1977 <sup>2</sup> .....	2,261.0	2,249.0	4,412	99,223	694	98,529	9.43	935,673

<sup>1</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-82 in *Agricultural Statistics, 1972*, tables 26 and 31.

Table 25.—Rice, rough: Stocks on and off farms, United States, 1963-78

Year	On farms <sup>1</sup>			Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1963.....	6,456	2,594	167	35,869	21,355	5,487	2,583
1964.....	7,679	2,375	112	40,475	22,339	5,075	1,957
1965.....	7,404	2,451	141	40,561	25,593	4,764	1,547
1966.....	7,123	2,527	347	38,830	23,456	5,133	1,615
1967.....	8,252	2,056	226	47,752	28,619	5,971	1,946
1968.....	9,585	2,491	120	47,249	24,378	3,339	268
1969.....	14,587	9,512	332	53,100	38,608	12,161	7,280
1970.....	10,536	4,855	242	53,293	39,107	12,973	7,734
1971.....	10,121	3,335	203	49,276	32,001	14,689	7,565
1972.....	10,924	3,831	133	49,776	29,104	8,291	-----
1973.....	4,714	1,476	94	44,130	22,791	2,845	-----
1974.....	7,729	1,536	77	44,455	25,175	3,877	-----
1975.....	15,808	2,902	45	55,106	31,426	3,987	-----
1976.....	24,713	12,800	637	66,333	50,481	30,688	-----
1977.....	21,006	6,761	709	79,142	61,614	32,642	-----
1978 <sup>3</sup> .....	8,260	3,157	-----	68,813	49,730	-----	-----

<sup>1</sup> No stocks Oct. 1, 1963, to date.

<sup>2</sup> Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

<sup>3</sup> Oct. 1 estimates discontinued in 1972.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 25

<sup>1</sup> Consolidated supply and disappearance of rough and milled rice. Converted milled rice data to a rough rice basis using annually derived extraction rates as factors.

<sup>2</sup> Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup> Results from storage handling and processing losses.

<sup>4</sup> Less than 50,000 cwt.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972-77

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972	613.2	751.7	155.0	4,682	4,548	5,552	42,760	34,184	8,495
1973	1,058.4	937.8	174.0	4,139	4,196	5,324	43,807	39,347	9,611
1974	1,370.0	949.6	211.4	4,375	4,358	5,234	59,354	41,387	11,065
1975	1,453.3	1,141.2	223.5	4,376	4,579	5,533	63,593	52,255	12,589
1976	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977 <sup>1</sup>	1,467.0	595.0	187.0	4,240	4,415	5,746	62,306	26,272	10,745

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1972-78

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972	21,247	10,615	4,010	-----	21,495	9,859	3,050	141	-----	1,354	173	-----
1973	25,302	13,774	2,132	-----	19,866	8,270	639	44	6,102	3,796	880	34
1974	38,393	16,532	1,450	-----	22,502	12,822	1,264	644	9,819	4,974	1,335	164
1975	40,705	24,749	14,258	-----	40,575	31,990	13,580	3,851	9,766	6,542	3,509	1,588
1976	54,987	32,262	12,950	-----	36,532	29,129	17,523	5,378	8,629	6,984	2,878	722
1977 <sup>2</sup>	42,641	29,480	-----	-----	25,617	17,945	-----	-----	7,824	5,492	-----	-----

<sup>1</sup> California only.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1963-77<sup>1</sup>

Year beginning August	Supply				Disappearance							Statistical discrepancies ( <sup>2</sup> )	Ending stocks July 31
	Begin- ning stocks	Pro- duction	Imports	Total	Domestic use				Exports ( <sup>2</sup> )	Total dis- appearance			
					Food	Indus- try	Seed	Total					
Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.		
1963	7.7	70.3	(*)	78.0	22.5	3.8	2.5	28.8	41.8	70.6	-1.1	7.5	
1964	7.5	73.2	0.5	81.2	24.3	4.3	2.5	31.1	42.5	73.6	-1.1	7.7	
1965	7.7	76.3	.7	84.6	23.4	4.7	2.7	30.8	43.3	74.2	2.2	8.2	
1966	8.2	85.0	(*)	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5	
1967	8.5	89.4	(*)	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	8.8	
1968	6.8	104.1	(*)	110.9	27.0	8.8	2.9	35.6	56.1	91.7	3.0	16.2	
1969	16.2	91.9	.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4	
1970	16.4	85.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6	
1971	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4	
1972	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1	
1973	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8	
1974	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1	
1975	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9	
1976 <sup>2</sup>	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5	
1977 <sup>2</sup>	40.5	99.2	-----	139.7	-----	-----	-----	-----	-----	-----	-----	-----	

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1975-77

State	Area harvested			Yield per acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Long grain									
Ark.....	1,000 990.0	1,000 696.0	1,000 690.0	Pounds 4,450	Pounds 4,675	Pounds 4,125	1,000 cut. 29,370	1,000 cut. 32,538	1,000 cut. 28,463
Calif.....	159.0	207.0	174.0	3,775	3,990	3,625	6,002	8,052	6,308
La.....	168.0	143.0	109.0	3,900	4,300	4,000	6,552	6,006	4,360
Miss.....	13.3	9.0	14.0	4,200	4,100	3,675	559	369	515
Tex.....	453.0	476.0	480.0	4,660	4,550	4,700	21,110	23,086	22,560
U.S.....	1,453.3	1,531.0	1,467.0	4,376	4,576	4,240	63,593	70,051	62,206
Medium grain									
Ark.....	1,000 208.0	1,000 131.0	1,000 128.0	Pounds 4,700	Pounds 5,125	Pounds 4,700	1,000 cut. 9,541	1,000 cut. 8,714	1,000 cut. 8,016
Calif.....	338.0	264.0	140.0	5,775	5,435	5,775	19,530	14,322	8,085
La.....	490.0	361.0	361.0	3,820	3,920	3,700	19,062	14,151	11,137
Miss.....	2.0	1.0	2.0	3,450	4,175	4,000	69	42	80
Mo.....	4.2	5.0	3.0	4,225	4,375	3,800	177	219	114
Tex.....	95.0	32.0	21.0	4,090	4,300	4,000	3,886	1,344	840
U.S.....	1,141.2	794.0	595.0	4,879	4,634	4,415	52,255	36,792	26,272
Short grain									
Ark.....	1,000 35.0	1,000 20.0	1,000 19.0	Pounds 5,325	Pounds 5,550	Pounds 4,825	1,000 cut. 1,864	1,000 cut. 1,110	1,000 cut. 917
Calif.....	187.0	135.0	168.0	5,700	5,700	5,850	10,659	7,695	9,828
La.....	1.0			4,400			44		
Miss.....				4,450			22		
Mo.....									
Tex.....									
U.S.....	223.5	155.0	187.0	5,633	5,681	5,746	12,589	8,905	10,745

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 30.—Rice: Area, yield, and production, by States, 1975-77

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Ark.....	1,000 900.0	1,000 880.0	1,000 840.0	1,000 895.0	1,000 847.0	1,000 837.0	Pounds 4,540	Pounds 4,770	Pounds 4,230	1,000 cut. 40,775	1,000 cut. 40,363	1,000 cut. 35,396
Calif.....	530.0	490.0	310.0	525.0	399.0	308.0	5,786	5,520	5,810	30,179	22,017	17,913
La.....	960.0	570.0	480.0	655.0	568.0	475.0	5,810	5,910	5,670	25,064	22,203	17,445
Miss.....	175.0	145.0	112.0	171.0	144.0	111.0	3,900	4,200	4,000	6,665	6,048	4,440
Mo.....	18.0	14.0	17.0	18.0	14.0	17.0	4,210	4,200	3,700	758	588	629
Tex.....	550.0	570.0	502.0	548.0	508.0	501.0	4,590	4,810	4,670	24,996	24,430	23,400
U.S.....	2,833.0	2,489.0	2,261.0	2,818.0	2,480.0	2,246.0	4,556	4,963	4,412	128,437	115,648	90,223

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-78

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.
1972	1,142	1,774	800	-----	2,281	1,770	278	10	84	333	348	10
1973	1,117	1,467	792	-----	1,812	2,874	435	31	205	319	242	74
1974	1,097	1,185	421	-----	1,130	1,233	680	130	234	773	293	87
1975	1,893	1,454	922	-----	1,197	2,062	1,630	63	137	137	99	461
1976	1,902	2,140	1,618	-----	742	1,453	1,067	222	410	182	387	186
1977	3,417	3,989	-----	-----	1,704	1,754	-----	-----	376	497	-----	-----
1978 <sup>1</sup>	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

  

Year	Broken kernels <sup>2</sup>											
	Second heads				Screenings				Browers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.	1,000 cut.
1972	-----	-----	331	15	-----	180	186	-----	215	143	86	20
1973	828	858	329	39	49	180	104	-----	391	180	119	8
1974	806	845	857	30	103	189	228	-----	391	180	119	2
1975	731	830	672	34	141	112	37	-----	360	136	81	27
1976	897	1,190	909	7	125	88	111	-----	317	182	161	23
1977	1,121	1,283	1,002	35	75	430	154	-----	193	218	348	27
1978 <sup>1</sup>	662	1,013	-----	-----	81	104	-----	-----	174	212	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> Screenings in California are included in second heads.

Economic, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 32.—Rice: Production, seed used, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per cwt. <sup>1</sup>	Value of—	
					Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Ark.....	35,395	354	35,043			
Calif.....	17,913	161	17,752			
La.....	17,445	52	17,393			
Miss.....	4,440	27	4,413			
Mo.....	629	6	623			
Tex.....	23,400	94	23,306			
U.S.....	99,223	694	98,529	9.43	935,673	939,128

<sup>1</sup> Prices by States not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 33.—Rice, milled: United States exports under specified Government programs, 1963-76

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1963.....	13,672	1,190				682	15,514
1964.....	11,185	1,283				34	12,502
1965.....	7,305	716				2,005	9,926
1966.....	15,494	2,782				<sup>8</sup> -18	18,240
1967.....	12,656	3,535				547	16,738
1968.....	6,626	15,063		208		137	22,024
1969.....	9,782	10,923	22	142		61	20,932
1970.....	5,366	14,979				3,356	23,701
1971.....	9,588	14,343	5,482			2,122	26,523
1972.....		21,253	722	4		2,721	24,700
1973.....		13,352				146	13,498
1974.....		16,342	113	11		2	16,468
1975.....		11,228				111	11,339
( <sup>9</sup> ).....		(10,067)					(10,067)
1976.....		14,575	191	387		8	15,151

<sup>1</sup> Year beginning July 1 for 1963-75 and Oct. 1 for 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Negative quantity due to adjustments for prior periods.<sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.



Table 34.—Rice, rough: Price-support operations, United States, 1963-78

Year beginning August	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC July 31 <sup>5</sup>
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1963.....	4.71	73	10.0	14.3	0.8	1.4
1964.....	4.71	74	7.7	10.6	.8	1.0
1965.....	4.50	68	10.0	13.1	.4	.6
1966.....	4.50	66	14.4	16.8	.1	.1
1967.....	4.55	66	16.4	18.3	(*)	.1
1968.....	4.60	66	24.3	22.7	6.3	6.3
1969.....	4.72	65	22.4	24.6	2.9	5.6
1970.....	4.66	65	20.8	24.6	3.7	9.4
1971.....	5.07	65	31.2	36.4	1.3	9.4
1972.....	5.27	65	22.9	26.8	(*)	2.7
1973.....	6.07	65	19.1	20.6		
1974.....	7.54	65	9.3	8.3	(*)	
1975.....	8.32	65	21.5	16.8	17.3	17.3
1976.....	8.25	61	23.4	20.2	(*)	
1977.....	8.25	59	19.5	19.7		
1978.....	8.33					

<sup>1</sup> Loan level from 1963 to 1975. For 1976 and 1977, the target price is a guarantee on allotted production and \$6.19 per cwt. is the loan rate on allotted production. For the 1978 crop, the preliminary loan rate is \$6.40 per cwt.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Includes milled rice in rough rice equivalent.

<sup>6</sup> Less than 50,000 cwt.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-52 in *Agricultural Statistics, 1978*, table 35.

Table 35.—Rice: United States exports (milled equivalent), by country of destination, 1975 and 1976

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1975	1976		1975	1976
	Metric tons	Metric tons		Metric tons	Metric tons
Canada.....	73,750	74,164	Indonesia.....	41,864	406,802
Mexico.....	1,068	947	Iran.....	162,890	457,244
Bahamas.....	5,074	5,346	Iraq.....	80,838	36,959
Dominican Republic.....	24,083	14,628	Korea, Rep. of.....	179,911	75,214
Haiti.....	9,035	38,436	Bangladesh.....	240,908	21,093
Jamaica.....	3,923	4,942	Saudi Arabia.....	132,446	71,865
Netherlands Antilles.....	3,319	4,753	Syria.....	29,187	35,943
Chile.....	741	1,694			
Total Western Hemisphere.....	124,719	150,782	Total Asia and Oceania <sup>2</sup> .....	1,002,547	1,167,589
Belgium-Luxembourg.....	17,584	25,473	Guinea.....	12,003	12,507
France.....	8,283	8,809	Ivory Coast.....	1,681	16,615
Italy.....	45,958	36,241	Liberia.....	25,546	51,441
Germany, Fed. Rep. of.....	71,801	65,853	Nigeria.....	16,060	130,554
Netherlands.....	35,213	50,969	Senegal.....	11,157	22,800
Portugal.....	45,744	69,719	South Africa.....	94,966	96,024
Sweden.....	6,180	9,527			
Switzerland.....	16,314	46,883	Total Africa <sup>2</sup> .....	217,596	378,805
United Kingdom.....	30,050	32,391			
Total Europe <sup>2</sup> .....	390,092	407,814	World total <sup>2</sup> .....	1,743,954	2,104,990

<sup>1</sup> Marketing year.

<sup>2</sup> Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Costa Rica.....	87	63	55	1.82	2.37	2.36	158	149	130
Cuba.....	200	220	220	2.10	2.45	2.45	420	538	538
Dominican Republic.....	65	66	67	3.63	4.16	4.21	236	274	282
El Salvador.....	17	14	14	3.65	2.53	3.63	62	35	51
Guatemala.....	31	18	17	1.45	2.44	2.35	45	44	40
Haiti.....	76	76	76	1.08	.85	1.11	82	65	85
Honduras.....	18	16	24	1.81	1.59	1.26	29	25	30
Jamaica.....	4	4	4	.75	.75	1.25	3	3	5
Mexico.....	214	155	190	3.36	3.19	3.16	730	495	600
Nicaragua.....	41	27	35	2.76	2.41	2.72	113	65	95
Panama.....	115	97	115	1.61	1.49	1.61	185	145	185
Trinidad and Tobago.....	7	9	7	2.86	2.36	2.81	20	21	20
United States.....	1,184	1,012	891	5.12	5.24	5.04	5,906	5,307	4,496
<b>Total.....</b>	<b>2,009</b>	<b>1,777</b>	<b>1,715</b>	<b>3.92</b>	<b>4.03</b>	<b>3.82</b>	<b>7,879</b>	<b>7,167</b>	<b>6,555</b>
<b>South America:</b>									
Argentina.....	85	91	95	3.64	3.52	3.48	309	320	331
Bolivia.....	70	65	65	1.29	1.38	1.38	90	90	90
Brazil.....	6,000	5,460	5,200	1.42	1.48	1.50	8,500	8,000	7,800
Chile.....	27	38	33	3.57	3.35	3.28	92	120	108
Colombia.....	372	366	341	4.34	4.25	3.79	1,614	1,549	1,291
Ecuador.....	126	125	98	2.46	2.32	1.95	310	290	192
Guayana.....	116	97	136	2.41	1.62	2.45	279	158	333
Paraguay.....	25	25	25	2.20	2.22	2.22	55	55	55
Peru.....	118	129	125	4.08	4.40	4.54	481	579	567
Surinam.....	45	48	48	3.91	3.57	3.64	176	171	175
Uruguay.....	52	56	56	4.17	4.15	4.48	217	232	251
Venezuela.....	113	93	152	3.21	2.95	3.29	363	277	500
<b>Total.....</b>	<b>7,149</b>	<b>6,531</b>	<b>6,374</b>	<b>1.75</b>	<b>1.81</b>	<b>1.83</b>	<b>12,485</b>	<b>11,842</b>	<b>11,602</b>
<b>Europe:</b>									
France.....	11	9	11	3.45	3.43	2.81	38	31	31
Italy.....	174	182	187	5.80	4.98	4.92	1,009	907	884
<b>Total EC.....</b>	<b>185</b>	<b>191</b>	<b>198</b>	<b>5.66</b>	<b>4.91</b>	<b>4.52</b>	<b>1,047</b>	<b>938</b>	<b>895</b>
Greece.....	20	19	18	5.10	4.43	4.76	102	84	86
Portugal.....	30	22	34	4.40	4.06	3.85	132	89	131
Spain.....	62	64	64	6.10	6.34	6.11	378	406	391
<b>Total Western Europe.....</b>	<b>297</b>	<b>296</b>	<b>314</b>	<b>5.59</b>	<b>5.13</b>	<b>4.79</b>	<b>1,659</b>	<b>1,517</b>	<b>1,503</b>
Bulgaria.....	16	16	16	4.38	4.36	4.26	70	70	70
Hungary.....	27	27	27	2.82	1.19	1.89	68	32	51
Romania.....	22	17	17	3.14	3.35	3.18	69	57	54
Yugoslavia.....	8	8	8	3.50	4.75	4.75	28	38	38
<b>Total Eastern Europe.....</b>	<b>73</b>	<b>68</b>	<b>68</b>	<b>3.22</b>	<b>2.89</b>	<b>3.13</b>	<b>235</b>	<b>197</b>	<b>213</b>
<b>Total Europe.....</b>	<b>370</b>	<b>364</b>	<b>382</b>	<b>5.12</b>	<b>4.71</b>	<b>4.49</b>	<b>1,894</b>	<b>1,714</b>	<b>1,716</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>800</b>	<b>524</b>	<b>524</b>	<b>4.02</b>	<b>3.82</b>	<b>4.01</b>	<b>2,000</b>	<b>2,000</b>	<b>2,100</b>
<b>Africa:</b>									
Algeria.....	2	2	2	3.00	2.86	2.86	6	6	6
Angola.....	15	20	20	1.33	1.23	1.23	20	25	25
Chad.....	52	52	52	.58	.58	.89	30	30	31
Egypt.....	442	453	484	5.48	5.08	5.21	2,424	2,300	2,519
Gambia.....	32	32	32	1.88	1.88	1.88	60	60	60
Ghana.....	79	81	80	.89	.80	.75	70	64	60
Guinea.....	710	710	710	.86	.86	.86	600	600	600
Guinea-Bissau.....	38	38	38	.84	.85	.93	32	32	35
Ivory Coast.....	410	450	425	1.10	.85	.95	452	427	403
Liberia.....	220	220	220	1.04	1.04	1.04	229	229	229
Madagascar.....	1,045	1,050	1,050	1.85	1.67	1.79	1,936	1,750	1,875
Mali.....	140	140	140	.79	.93	.93	110	130	130
Morocco.....	4	5	6	5.25	5.45	6.06	21	27	36
Mozambique.....	65	65	65	1.22	1.05	1.07	79	68	70
Nigeria.....	300	310	325	2.00	1.96	2.03	600	609	660
Senegal.....	115	120	120	1.46	1.44	1.00	168	173	130
Sierra Leone.....	318	347	347	1.66	1.63	1.53	527	528	530

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1975-77—Continued

Continent and country	Area <sup>1</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Tanzania.....	200	213	212	1.93	1.88	1.88	385	400	400
Upper Volta.....	42	42	42	.95	.95	.95	40	40	40
Zaire.....	310	365	370	.82	.80	.79	255	291	292
<b>Total.....</b>	<b>4,539</b>	<b>4,715</b>	<b>4,741</b>	<b>1.73</b>	<b>1.61</b>	<b>1.67</b>	<b>7,844</b>	<b>7,590</b>	<b>7,922</b>
<b>Asia:</b>									
Afghanistan.....	210	210	210	2.15	2.18	2.19	451	457	460
Bangladesh.....	10,344	10,074	10,250	1.82	1.76	1.83	18,806	17,715	18,799
Burma.....	4,894	4,984	5,027	1.88	1.87	1.90	9,221	9,312	9,328
Cambodia.....	1,080	1,400	1,400	1.43	1.29	1.14	1,500	1,800	1,600
China, People's Rep. of.....	34,800	35,900	36,000	3.45	3.50	3.54	119,000	125,300	127,500
China, Rep. of.....	790	789	790	4.25	4.53	4.48	3,382	3,560	3,542
Hong Kong.....	5	5	5	2.00	2.06	2.06	10	10	10
India.....	39,688	38,606	39,800	1.87	1.86	1.87	74,290	64,245	74,324
Indonesia.....	8,765	8,369	8,200	2.57	2.78	2.73	22,660	23,301	22,353
Iran.....	340	320	325	3.53	3.99	3.23	1,201	1,278	1,061
Iraq.....	33	54	54	1.80	3.04	3.15	60	164	170
Japan.....	3,784	2,779	2,787	5.95	5.30	5.93	16,456	14,716	16,348
Korea, North.....	740	740	740	5.00	5.00	5.00	3,700	3,700	3,700
Korea, Rep. of.....	1,218	1,215	1,220	5.32	5.96	6.60	6,485	7,243	8,084
Laos.....	580	680	680	1.34	1.38	1.18	911	940	800
Malaysia (Peninsular).....	595	578	599	2.89	2.79	2.93	1,717	1,611	1,754
Nepal.....	1,240	1,261	1,265	2.10	1.89	2.11	2,605	2,384	2,670
Pakistan.....	1,710	1,700	1,710	2.30	2.32	2.32	3,929	3,950	3,967
Philippines.....	3,579	3,548	3,675	1.61	1.82	1.93	5,780	6,456	7,082
Sabah.....	50	50	50	2.50	2.51	2.51	125	125	125
Sarawak.....	145	145	145	1.03	1.03	1.03	180	180	180
Saudi Arabia.....	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka.....	525	500	740	2.15	2.51	2.30	1,129	1,253	1,705
Syria.....	1	1	1	5.00	2.00	2.00	5	2	2
Thailand.....	8,471	8,500	8,600	1.79	1.85	1.69	15,200	15,760	14,500
Turkey.....	55	54	70	4.20	4.50	4.40	231	243	308
Vietnam.....	5,310	5,310	5,310	2.04	2.17	2.17	10,851	11,500	11,500
<b>Total.....</b>	<b>127,703</b>	<b>127,770</b>	<b>129,624</b>	<b>2.50</b>	<b>2.48</b>	<b>2.56</b>	<b>319,728</b>	<b>317,377</b>	<b>331,775</b>
<b>Oceania:</b>									
Australia.....	75	92	94	5.57	5.76	5.65	418	530	531
<b>Total.....</b>	<b>75</b>	<b>92</b>	<b>94</b>	<b>5.57</b>	<b>5.76</b>	<b>5.65</b>	<b>418</b>	<b>530</b>	<b>531</b>
<b>World total.....</b>	<b>142,345</b>	<b>141,773</b>	<b>143,454</b>	<b>2.47</b>	<b>2.46</b>	<b>2.53</b>	<b>352,257</b>	<b>348,220</b>	<b>352,291</b>

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, 1974-76 <sup>2</sup>

Continent and country	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Canada.....		56		60		66
El Salvador.....		11		8		
Honduras.....		1		11		
Mexico.....		71	5	1	5	11
Nicaragua.....	3		2	1	6	
Panama.....	6					
United States.....	1,702	3	2,070	1	2,045	
Cuba.....		276		216		200
Jamaica.....		40		49		46
Trinidad and Tobago.....		45		29		51
<b>Total.....</b>	<b>1,711</b>	<b>503</b>	<b>2,077</b>	<b>376</b>	<b>2,056</b>	<b>354</b>
<b>South America:</b>						
Argentina.....	65		36		86	
Brazil.....	57		3	67	76	
Guyana.....	52		83		72	
Chile.....		17		12		28
Colombia.....	60		106		150	
Ecuador.....		21	10	20	14	
Peru.....				78		71
Surinam.....	48		59		57	
Uruguay.....	73		91		115	
Venezuela.....	67		32			95
<b>Total.....</b>	<b>422</b>	<b>38</b>	<b>480</b>	<b>167</b>	<b>570</b>	<b>192</b>
<b>Europe:</b>						
Austria.....		27		31		44
Belgium and Luxembourg.....	35	85	25	58	43	130
Denmark.....	3	12	1	9	1	14
France.....	3	150	3	147	4	187
Germany, Fed. Rep. of.....	29	139	28	130	44	158
Greece.....	1	9	9	1	11	1
Italy.....	461	5	451	7	390	49
Netherlands.....	35	85	52	112	127	242
Norway.....		5		5		5
Portugal.....		32		76		120
Spain.....	44		42		9	
Sweden.....		17		17		21
Switzerland.....		20		16		22
United Kingdom.....	1	126	1	116	4	145
<b>Total Western Europe.....</b>	<b>612</b>	<b>712</b>	<b>612</b>	<b>725</b>	<b>639</b>	<b>1,138</b>
Hungary.....	6	12	4	14	6	13
Poland.....		63		59		119
Romania.....		40		62		62
Yugoslavia.....		46		5		10
Soviet Union.....	131	194		279		324
<b>Total Eastern Europe.....</b>	<b>137</b>	<b>355</b>	<b>4</b>	<b>419</b>	<b>6</b>	<b>528</b>
<b>Africa:</b>						
Algeria.....		5		4		6
Angola.....	4	3	3	6	2	18
Zaire.....				10		69
Gambia.....		7		13		39
Ghana.....		39				12
Guinea.....		13		57		30
Ivory Coast.....	5	73	5	10	30	5
Liberia.....		34		31		37
Madagascar.....	6	88	2	63	4	72

See footnotes at end of table.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, 1974-76 <sup>2</sup>—Continued

Continent and country	1974		1975		1976 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>						
Mauritius.....		88		87		91
Mozambique.....						23
Nigeria.....		8		7		45
Senegal and Mauritania.....		207		102		196
Sierra Leone.....		42				10
South Africa.....		101		70		88
Egypt.....	136		104	1	211	
Tanzania.....		18		65		25
<b>Total.....</b>	<b>181</b>	<b>720</b>	<b>114</b>	<b>508</b>	<b>247</b>	<b>766</b>
<b>Asia:</b>						
Bangladesh.....		92		440		280
Saudi Arabia.....		137		220		260
Israel.....		35		45		35
Jordan.....		25		11		33
Lebanon.....		1		21		30
Turkey (Europe and Asia).....		11		77		20
Iraq.....		198		200		200
Syria.....		88		72		79
Iran.....		250		400		283
Sabah.....		43		41		39
Sarawak.....		89		37		64
Burma.....	206		288		638	
Sri Lanka.....		330		450		425
China, People's Rep. of.....	1,982		1,440	30	900	140
China, Rep. of.....	5	127		4		8
Hong Kong.....	20	315	4	344	2	337
India.....	42	7	19	180	35	237
Cambodia.....		225		350		
Laos.....		81		21		120
Vietnam.....		801				136
Indonesia.....		1,090		657		1,384
Japan.....	308	63	10	38		20
Korea, Rep. of.....		240		439		168
Malaysia and Singapore.....	29	378	44	199	21	319
Pakistan.....	478		498		912	
Philippines.....		157		135		55
Thailand.....	1,046		933		1,870	
<b>Total.....</b>	<b>4,117</b>	<b>4,279</b>	<b>3,236</b>	<b>4,409</b>	<b>4,378</b>	<b>4,540</b>
<b>Oceania:</b>						
Australia.....	143	1	185		218	1
<b>Total.....</b>	<b>143</b>	<b>1</b>	<b>185</b>		<b>218</b>	<b>1</b>
<b>Other countries.....</b>	<b>613</b>	<b>383</b>	<b>454</b>	<b>471</b>	<b>309</b>	<b>469</b>
<b>World total.....</b>	<b>7,008</b>	<b>6,961</b>	<b>7,162</b>	<b>7,073</b>	<b>8,423</b>	<b>8,008</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Calendar year.<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers.

Table 38.—Food grains and wheat flour: Average price, selected markets and grades, 1963-76

Crop year <sup>1</sup>	Kansas City		Minneapolis				Portland: Wheat, No. 1 soft white	St. Louis: Wheat, No. 2 Red Winter
	Wheat, No. 2 Hard & Dark Hard Winter	Flour, Winter Wheat, 95% patent	Wheat, No. 1 Dark Northern Spring	Wheat, No. 2 Hard Amber Durum	Flour, Spring Wheat, Standard patents	Rye, No. 2		
	Dollars per bushel	Dollars per cwt.	Dollars per bushel	Dollars per bushel	Dollars per cwt.	Dollars per bushel	Dollars per bushel	Dollars per bushel
1963.....	1.94	5.25	2.34	2.35	5.82	1.31	2.08	1.73
1964.....	1.57	5.41	1.79	1.69	5.68	1.19	1.51	1.51
1965.....	1.61	5.66	1.86	1.75	5.00	1.16	1.53	1.64
1966.....	1.85	5.92	2.01	2.09	6.46	1.22	1.76	1.77
1967.....	1.89	5.46	1.88	2.05	5.97	1.17	1.62	1.47
1968.....	1.46	5.40	1.76	1.93	6.87	1.16	1.47	1.32
1969.....	1.45	5.50	1.53	1.66	6.03	1.11	1.49	1.43
1970.....	1.88	5.58	1.90	1.78	6.28	1.13	1.70	1.32
1971.....	1.60	5.34	1.66	1.60	5.99	.99	1.60	1.51
1972.....	2.26	6.78	2.21	2.17	7.11	1.10	2.47	2.34
1973.....	4.83	8.48	4.69	6.80	10.87	2.41	4.79	4.57
1974.....	4.29	10.05	5.01	6.47	11.93	3.19	4.36	3.91
1975.....	4.08	9.57	4.64	5.06	10.55	2.86	3.89	3.46
1976.....	2.78	5.30	3.12	3.19	9.51	2.92	3.10	2.77

  

Crop year <sup>1</sup>	Chicago: Wheat, No. 2 Soft Red Winter	New York: Wheat, No. 2 Hard Winter	San Francisco: Rice, <sup>2</sup> Short	S.W. Louisiana Mills: Rice <sup>2</sup>		Arkansas Mills: Rice <sup>2</sup>		Texas Mills: Rice <sup>2</sup>	
				Medium	Long	Medium	Long	Medium	Long
	Dollars per bushel	Dollars per bushel	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
1963.....	1.84	2.62	9.90	8.75	10.10	8.55	10.05	8.80	9.85
1964.....	1.46	2.68	9.80	8.30	9.90	8.20	10.00	8.35	10.15
1965.....	1.50	2.14	10.00	8.20	10.00	8.10	9.90	8.15	10.05
1966.....	1.82	2.33	10.05	8.20	9.95	8.20	9.90	8.35	10.00
1967.....	1.47	2.08	10.25	8.44	9.90	8.65	10.05	8.65	10.05
1968.....	1.25	1.92	10.35	8.73	9.55	8.55	9.90	8.50	9.80
1969.....	1.36	2.60	10.50	8.80	9.60	8.60	10.00	8.65	9.90
1970.....	1.90	2.20	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971.....	1.47	2.11	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972.....	2.23	2.70	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973.....	4.54	5.19	24.30	26.40	30.40	26.70	30.80	27.40	31.75
1974.....	4.59	4.54	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975.....	3.54	4.08	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976.....	2.81	3.22	15.15	13.30	14.60	14.40	15.30	14.10	14.95

<sup>1</sup> Crop year begins July for wheat and rye, August for rice, and October for rice from San Francisco.<sup>2</sup> Rice, milled No. 2.

Economics, Statistics, and Cooperatives Service—Economics. Compiled as follows: Grain Market News (AMS); Minneapolis Daily Market Record; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Bureau of Labor Statistics Wholesale Price Bulletin; Rice (AMS). Minneapolis, Kansas City, and Chicago prices are weighted averages. Data for 1949-53 in *Agricultural Statistics, 1972*, tables 17, 18, and 34.

Table 39.—Corn: Area, yield, production, disposition, and value, United States, 1963-77

Year	Corn for grain						Corn for silage				Forage area harvested	
	Area planted, all purposes	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>1</sup>	Value of production	Area harvested	Yield per harvested acre		Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1963	68,771	59,227	67.9	4,019,238	2,144,106	1,875,132	1.11	4,454,048	7,462	10.8	82,926	1,386
1964	65,823	55,360	62.9	3,584,253	1,780,760	1,703,484	1.17	4,064,208	8,320	9.7	82,581	1,390
1965	65,171	55,362	74.1	4,102,687	2,038,960	2,013,967	1.16	4,754,199	8,054	10.5	84,447	1,170
1966	66,347	57,002	73.1	4,167,608	2,068,365	2,105,253	1.24	5,170,973	7,834	11.3	89,653	931
1967	71,186	60,694	80.1	4,860,372	2,362,657	2,497,715	1.03	5,044,235	8,363	11.3	94,783	1,077
1968	65,126	55,950	79.8	4,449,842	2,094,679	2,354,963	1.08	4,825,632	7,479	11.9	93,482	1,497
1969	64,884	54,574	85.9	4,387,037	2,129,560	2,567,457	1.16	5,415,997	7,593	12.8	99,181	1,572
1970	64,884	57,358	72.4	4,132,243	1,888,553	2,293,691	1.23	5,814,702	8,078	11.8	94,084	650
1971	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.09	6,101,045	8,814	12.4	109,302	694
1972	67,136	57,513	97.0	5,679,832	2,328,020	3,251,812	1.57	8,743,036	8,381	13.1	109,343	530
1973	72,553	62,143	91.3	5,670,712	2,217,479	3,453,233	2.55	14,462,744	9,023	12.7	114,267	567
1974	77,935	65,406	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,857	10,844	10.7	115,706	636
1975	78,553	67,406	86.3	5,828,961	2,117,072	3,711,889	2.84	14,789,368	9,952	11.6	115,706	636
1976	81,214	71,000	87.7	6,215,149	2,351,141	3,864,008	2.43	15,511,141	10,252	12.5	116,540	662
1977 <sup>2</sup>	82,460	70,006	90.8	6,387,434	2,339,088	4,048,330	2.03	12,686,431	9,260	12.5	116,540	662

<sup>1</sup> Includes allowance for unrefined loans and purchases by the Government valued at the average loan and purchase rate, by State, where applicable.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-42 in Agricultural Statistics, 1978, tables 38 and 43.

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Table 40.—Corn: Stocks on and off farms, United States, 1963-78

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	2,958,288	2,068,162	1,401,285	533,801	1,251,748	1,039,612	728,005	831,334
1964.....	3,209,565	2,269,686	1,513,667	651,101	1,135,189	1,008,777	682,813	855,421
1965.....	2,737,489	1,856,476	1,243,125	581,498	1,137,393	958,763	650,332	865,593
1966.....	3,006,601	2,129,392	1,327,409	531,157	956,475	740,542	459,284	310,538
1967.....	2,928,817	2,063,306	1,348,923	572,233	778,619	671,060	405,053	254,075
1968.....	3,453,956	2,433,065	1,670,424	788,195	886,061	809,946	530,578	380,493
1969.....	3,310,694	2,244,312	1,498,284	732,270	987,921	818,163	582,597	386,123
1970.....	3,390,999	2,263,432	1,425,733	575,630	993,137	787,827	519,562	429,593
1971.....	2,735,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,586	240,027
1972.....	3,555,290	2,485,085	1,590,106	751,949	1,141,485	984,954	584,022	374,980
1973.....	3,692,724	2,387,458	1,374,066	405,918	1,116,434	849,794	380,841	195,123
1974.....	3,371,270	2,020,081	1,067,098	288,737	1,116,434	849,794	345,658	166,459
1975.....	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	166,459
1976.....	3,196,266	1,919,964	1,290,127	232,597	1,270,300	912,906	576,640	348,019
1977.....	3,345,496	2,133,737	1,577,503	446,116	1,544,023	1,159,329	787,263	438,019
1978 <sup>3</sup> .....	3,788,770	2,484,762	.....	.....	1,674,216	1,385,667	.....	.....

<sup>1</sup> Beginning 1976, estimates are for June 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 41.—Corn: Supply and disappearance, United States, 1963-77

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held <sup>1</sup>	Govern- ment <sup>2</sup>	Total
					Feed	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1963.....	1,365	4,019	1	5,385	3,008	340	3,348	500	3,848	723	814	1,537
1964.....	1,537	3,484	1	5,022	2,956	349	3,305	570	3,875	625	822	1,147
1965.....	1,147	4,103	1	5,251	3,262	380	3,722	687	4,409	749	93	842
1966.....	842	4,165	1	5,011	3,234	384	3,698	487	4,185	690	136	836
1967.....	826	4,860	1	5,687	3,523	383	3,885	633	4,518	990	179	1,169
1968.....	1,169	4,450	1	5,620	3,607	359	3,966	536	4,502	828	290	1,118
1969.....	1,118	4,687	1	5,806	3,824	385	4,189	612	4,801	808	197	1,005
1970.....	1,005	4,182	4	5,191	3,592	385	3,977	517	4,494	570	97	667
1971.....	667	5,846	1	6,514	4,001	390	4,391	796	5,187	971	186	1,157
1972.....	1,127	5,580	1	6,708	4,313	429	4,742	1,258	6,000	704	4	708
1973.....	708	5,671	1	6,380	4,206	448	4,653	1,243	5,896	484	0	484
1974.....	484	4,701	2	5,187	3,226	451	3,677	1,149	4,826	361	0	361
1975.....	361	5,829	2	6,192	3,592	490	4,082	1,711	5,793	399	0	399
1976 <sup>3</sup> .....	399	6,268	3	6,668	3,587	513	4,100	1,684	5,784	854	0	854
1977 <sup>4</sup> .....	854	6,357	1	7,242	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government inventory only.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1940-62 in *Agricultural Statistics, 1972*, table 45.



Table 42.—Corn: Area, yield, and production, by States, 1975-77

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	750	880	840	680	800	375	50.0	60.0	29.0	33,000	48,000	10,875
Aris.	22	42	65	12	28	50	33.0	60.0	60.0	396	1,650	3,000
Ark.	60	55	55	38	45	43	50.0	56.0	53.0	1,900	2,520	2,279
Calif.	418	480	430	254	290	247	109.0	110.0	116.0	27,656	31,900	28,682
Colo.	810	900	980	580	630	695	92.0	102.0	116.0	51,530	64,200	80,630
Conn.	53	53	54	—	—	—	—	—	—	—	—	—
Del.	184	209	203	170	195	185	92.0	88.0	86.0	15,840	17,160	10,380
Fla.	441	542	623	375	480	299	45.0	60.0	35.0	16,875	28,800	10,465
Ga.	2,020	2,300	2,240	1,880	2,160	1,000	55.0	62.0	24.0	103,400	133,920	24,000
Idaho.	122	119	120	30	35	28	83.0	85.0	86.0	2,490	2,975	2,408
Ill.	11,100	11,900	11,250	10,810	11,590	10,980	116.0	107.0	105.0	1,253,960	1,240,130	1,152,900
Ind.	5,850	6,500	6,400	5,630	6,300	6,210	98.0	110.0	102.0	581,740	693,000	633,420
Iowa.	13,350	13,950	13,500	12,450	12,900	12,400	90.0	91.0	85.0	1,117,800	1,175,900	1,091,200
Kans.	1,950	2,150	2,030	1,640	1,790	1,680	86.0	96.0	98.0	141,040	171,840	161,280
Ky.	1,330	1,540	1,850	1,140	1,380	1,410	77.0	102.0	90.0	87,780	138,720	128,000
La.	60	90	86	45	71	65	50.0	66.0	52.0	2,250	4,686	3,380
Maine.	47	49	51	—	—	—	—	—	—	—	—	—
Md.	655	740	730	550	630	600	92.0	92.0	72.0	50,600	57,960	43,200
Mass.	39	41	42	—	—	—	—	—	—	—	—	—
Mich.	2,820	2,670	2,720	2,060	2,230	2,250	80.0	69.0	85.0	167,200	153,870	191,280
Minn.	7,000	7,200	6,900	5,820	5,600	6,000	70.0	59.0	100.0	407,400	336,400	600,000
Miss.	193	240	250	145	172	160	41.0	47.0	36.0	5,945	8,054	5,760
Mo.	3,000	3,200	2,950	2,700	2,850	2,700	63.0	61.0	76.0	170,100	173,850	205,200
Mont.	86	86	90	10	11	11	73.0	75.0	68.0	730	825	748
Nebr.	6,500	6,850	6,950	5,920	6,100	6,350	85.0	85.0	99.0	503,200	518,500	628,650
Nev.	3	3	3	—	—	—	—	—	—	—	—	—
N.H.	23	24	26	—	—	—	—	—	—	—	—	—
N.J.	131	149	149	83	103	96	81.0	86.0	70.0	6,723	8,858	6,650
N. Mex.	100	125	135	75	95	114	100.0	90.0	90.0	7,500	10,080	10,260
N.Y.	1,230	1,280	1,375	845	873	940	83.0	76.0	80.0	45,235	43,548	51,200
N.C.	1,750	2,050	1,950	1,580	1,880	1,890	67.0	80.0	51.0	106,530	150,400	86,190
N. Dak.	500	510	620	140	191	237	51.0	40.0	68.0	7,140	7,640	16,116
Ohio.	3,800	4,100	3,900	3,340	3,820	3,620	93.0	103.0	105.0	310,620	393,480	380,100
Okla.	128	145	140	91	106	95	80.0	95.0	82.0	7,280	10,070	7,790
Oreg.	43	45	45	8	10	12	85.0	90.0	95.0	680	900	1,140
Pa.	1,550	1,600	1,615	1,080	1,150	1,160	82.0	90.0	92.0	88,560	103,600	106,720
R.I.	4	4	4	—	—	—	—	—	—	—	—	—
S.C.	620	750	745	550	667	620	86.0	74.0	36.0	37,400	49,358	22,330
S. Dak.	3,570	3,200	3,000	2,250	2,200	2,150	37.0	31.0	59.0	83,250	37,200	126,850
Tenn.	780	890	900	615	715	730	80.0	79.0	65.0	26,900	56,485	47,450
Tex.	1,250	1,700	1,800	1,150	1,550	1,650	103.0	130.0	90.0	118,450	186,000	148,500
Utah.	100	100	80	15	15	13	86.0	90.0	89.0	1,290	1,350	1,157
Vt.	100	101	110	—	—	—	—	—	—	—	—	—
Va.	772	840	855	585	610	580	88.0	78.0	55.0	49,720	47,580	30,800
Wash.	92	107	120	34	44	44	104.0	107.0	106.0	3,526	4,708	5,088
W. Va.	104	104	100	65	61	54	85.0	85.0	74.0	5,825	5,368	3,996
Wis.	3,500	3,700	3,800	2,390	2,230	2,750	83.0	68.0	104.0	198,370	150,900	288,000
Wyo.	81	81	89	20	22	30	80.0	87.0	85.0	1,600	1,914	2,550
U.S.	78,583	84,374	82,680	67,905	71,300	70,006	86.3	87.9	90.8	5,828,961	6,286,350	6,357,424

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 43.—Corn: Utilization for silage and forage, by States, 1975-77

State	Silage									Forage area harvested		
	Area harvested			Yield per acre			Production			1975	1976	1977 <sup>1</sup>
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>			
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons			
Ala.	52	57	57	10.0	11.5	7.0	520	656	399	25	16	35
Aris.	7	10	10	19.0	21.0	21.0	133	210	210	2	3	3
Ark.	9	6	8	9.0	13.0	10.0	81	78	80	2	2	2
Calif.	162	187	181	19.0	19.0	19.5	3,078	3,553	3,530	2	3	2
Colo.	236	240	242	17.0	19.0	18.0	4,012	4,560	4,356	5	10	8
Conn.	51	51	52	16.5	16.0	17.5	842	816	910	1	1	1
Del.	12	12	14	12.5	11.5	11.0	150	138	154	1	1	1
Fla.	18	18	22	11.0	12.0	10.5	196	216	321	35	35	56
Ga.	80	100	90	12.5	13.0	8.0	1,000	1,300	720	10	15	10
Idaho.	89	81	89	19.0	19.0	18.0	1,691	1,539	1,602	2	2	2
Ill.	255	285	225	16.5	13.5	14.5	4,208	3,848	3,263	15	15	25
Ind.	185	174	160	15.5	17.5	15.0	2,868	3,045	2,400	17	13	13
Iowa.	850	970	875	13.5	12.5	12.5	11,475	12,125	10,938	30	30	40
Kans.	260	300	290	11.0	12.5	13.5	2,860	3,750	3,915	10	15	15
Ky.	170	165	145	14.5	16.5	15.5	2,485	2,723	2,248	10	10	15
La.	11	16	19	11.5	13.0	12.0	127	208	129	2	2	2
Maine.	43	44	42	13.5	13.5	11.0	567	594	462	2	2	2
Md.	100	105	121	15.0	15.0	13.0	1,500	1,575	1,573	8	8	8
Mass.	36	38	38	15.0	15.5	16.0	540	589	608	10	10	10
Mich.	410	420	410	12.5	11.5	12.5	5,125	4,830	5,125	42	45	30
Minn.	1,070	1,490	830	9.3	6.9	13.0	9,951	10,281	10,790	45	60	32
Miss.	38	60	60	12.0	12.5	11.0	456	750	660	5	4	5
Mo.	220	220	183	10.0	9.5	11.0	2,200	2,060	1,685	10	10	25
Mont.	68	68	70	17.0	16.0	17.0	1,166	1,088	1,190	33	17	31
Nebr.	510	650	470	12.0	9.0	13.0	6,120	5,850	6,110	10	10	8
Nev.	3	3	3	15.5	16.5	15.0	47	50	45	2	4	5
N.H.	22	23	24	15.5	16.0	17.0	341	414	408	1	1	1
N.J.	45	42	48	14.5	16.0	14.0	653	672	672	2	3	3
N. Mex.	22	24	16	16.5	13.5	14.0	363	324	224	1	3	3
N.Y.	660	655	654	13.5	12.0	13.0	8,910	7,860	8,502	8	7	11
N.C.	135	140	150	13.0	12.5	10.0	1,755	1,750	1,500	10	10	25
N. Dak.	294	293	332	5.4	5.0	5.1	1,588	1,465	1,693	10	10	8
Ohio.	225	250	242	14.0	14.0	14.0	3,150	3,500	3,388	2	4	5
Okl.	29	25	34	13.5	11.0	11.5	392	275	391	1	1	1
Oreg.	33	33	31	21.0	21.0	20.0	693	693	620	1	1	1
Pa.	444	424	440	14.0	14.5	15.0	6,216	6,148	6,600	6	6	5
R.I.	4	4	4	15.5	15.5	15.5	62	62	62	11	12	18
S.C.	50	56	48	15.0	13.0	9.5	750	728	456	80	310	55
S. Dak.	1,200	1,400	750	4.8	2.7	7.2	5,760	3,780	5,400	10	5	5
Tenn.	145	160	150	13.5	15.0	13.0	1,958	2,400	1,850	12	20	20
Tex.	70	100	120	15.5	16.0	16.5	1,085	1,600	1,890	3	3	3
Utah.	80	80	82	18.0	16.0	17.0	1,440	1,280	1,054	0	9	9
Vt.	94	93	99	13.5	15.5	12.5	1,269	1,442	1,238	60	100	20
Va.	108	217	269	15.0	13.0	9.5	2,970	2,821	2,556	2	3	2
Wash.	58	63	72	20.0	20.5	20.0	1,160	1,292	1,440	6	4	3
W. Va.	36	38	43	15.0	15.0	13.5	540	570	581	6	4	3
Wis.	1,000	1,330	980	10.5	8.6	12.0	10,500	11,438	11,760	560	836	602
Wyo.	54	54	55	14.5	15.5	13.5	783	837	743	6	4	3
U.S.	9,842	11,374	9,290	11.8	10.4	12.5	115,708	117,813	116,840	560	836	602

<sup>1</sup> Preliminary.

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Table 44.—Corn: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production for grain	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	10,875	8,374	2,501	2.10	22,838	5,253
Ariz.....	3,000	3,000	2,700	2.20	6,600	5,940
Ark.....	2,279	1,827	752	2.10	4,786	1,579
Calif.....	28,652	2,006	26,646	2.40	68,765	63,980
Colo.....	80,620	13,705	66,915	1.95	157,209	130,484
Del.....	10,360	2,353	7,977	2.00	20,720	15,954
Fla.....	10,468	5,442	5,023	1.90	19,744	9,537
Ga.....	24,080	16,080	7,999	1.90	45,800	15,048
Idaho.....	2,408	796	1,613	2.25	5,418	3,629
Ill.....	1,152,900	322,812	830,088	2.15	2,478,735	1,784,889
Ind.....	633,420	383,692	449,728	2.00	1,266,840	899,456
Iowa.....	1,091,200	480,128	611,072	2.00	2,182,400	1,222,144
Kans.....	161,280	46,771	114,509	1.95	314,496	223,293
Ky.....	128,900	50,790	78,140	2.30	291,870	178,123
La.....	3,390	2,966	1,014	2.00	6,780	2,028
Md.....	45,200	15,120	28,080	2.00	90,400	56,180
Mieh.....	191,230	83,550	137,700	1.95	372,538	268,515
Miss.....	900,000	258,000	342,000	1.90	1,710,000	649,800
Miss.....	5,760	4,954	806	2.00	11,520	1,612
Mo.....	305,200	104,652	100,548	2.00	610,400	201,096
Mont.....	748	383	165	2.30	1,720	380
Nebr.....	628,650	169,735	458,915	1.95	1,225,868	894,884
N.J.....	6,650	2,128	4,522	2.05	13,535	9,270
N. Mex.....	10,260	1,281	9,029	2.00	20,520	18,058
N.Y.....	51,200	29,184	22,016	2.20	112,640	48,435
N.C.....	56,190	34,476	51,714	2.20	123,618	113,771
N. Dak.....	16,118	6,769	9,347	1.90	30,620	17,759
Ohio.....	380,100	136,836	243,264	1.95	741,195	474,365
Okl.....	7,790	2,804	4,986	2.15	16,749	10,720
Oreg.....	1,140	513	627	2.45	2,793	1,536
Pa.....	106,730	62,965	43,765	2.35	250,792	102,824
S.C.....	22,320	8,928	13,392	1.98	44,224	26,114
S. Dak.....	126,850	65,962	60,888	1.85	234,673	112,943
Tenn.....	47,450	28,470	18,980	2.10	99,645	39,858
Tex.....	148,800	14,850	133,950	2.20	328,700	294,030
Utah.....	1,157	393	764	2.45	2,835	1,872
Va.....	30,800	18,172	12,628	2.10	64,680	26,519
Wash.....	5,088	865	4,223	2.35	11,957	9,924
W. Va.....	3,996	3,397	599	2.05	8,192	1,225
Wis.....	288,000	168,880	120,120	2.00	576,000	240,240
Wyo.....	2,550	1,530	1,020	2.05	5,228	2,091
U.S.....	6,357,424	2,329,088	4,028,336	2.03	12,886,621	8,180,309

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 4

Cor

North America  
Canada.....  
Costa Rica.....  
Cuba.....  
Dominica.....  
El Salvador.....  
Guatemala.....  
Haiti.....  
Honduras.....  
Jamaica.....  
Mexico.....  
Nicaragua.....  
Panama.....  
Trinidad and  
Tobago.....

Total.....

South America  
Argentina.....  
Bolivia.....  
Brazil.....  
Chile.....  
Colombia.....  
Columbia.....  
Ecuador.....  
Guyana.....  
Paraguay.....  
Peru.....  
Uruguay.....  
Venezuela.....

Total.....

Europe  
Belgium-Luxembourg.....  
France.....  
Germany.....  
Italy.....  
Netherlands.....  
United Kingdom.....

Total.....

Austria.....  
Greece.....  
Portugal.....  
Spain.....  
Switzerland.....

Total.....

Albania.....  
Bulgaria.....  
Czechoslovakia.....  
German Democratic Republic.....  
Hungary.....  
Poland.....  
Romania.....  
Yugoslavia.....

Total.....

Total.....

Soviet Union

Africa  
Algeria.....  
Angola.....  
Benin.....  
Burundi.....  
Cameroon.....  
Egypt.....  
Ethiopia.....  
Ghana.....  
Ivory Coast.....  
Kenya.....  
Madagascar.....  
Malawi.....

See footnote

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	635	709	730	5.74	5.32	6.00	3,645	3,770	4,383
Costa Rica.....	65	60	43	1.42	1.40	1.42	92	84	61
Cuba.....	30	30	30	.67	.67	.67	20	20	20
Dominican Republic.....	24	24	24	2.04	1.58	1.58	49	38	38
El Salvador.....	346	230	230	1.78	1.49	1.49	439	342	342
Guatemala.....	874	675	733	1.01	1.25	1.20	881	842	880
Haiti.....	320	320	320	.78	.56	.78	250	180	250
Honduras.....	321	330	412	1.04	.92	.92	334	304	377
Jamaica.....	13	13	13	.77	.77	.77	10	10	10
Mexico.....	7,900	7,870	7,920	1.16	1.22	1.22	9,200	9,600	9,700
Nicaragua.....	273	181	151	.87	.99	.99	239	149	149
Panama.....	74	66	80	.88	.97	.98	65	64	77
Trinidad and Tobago.....	2	3	3	2.00	1.67	1.67	4	5	5
United States.....	27,196	28,774	28,167	5.41	5.49	5.74	147,252	157,895	161,730
<b>Total.....</b>	<b>37,975</b>	<b>39,285</b>	<b>38,856</b>	<b>4.28</b>	<b>4.41</b>	<b>4.58</b>	<b>162,480</b>	<b>173,303</b>	<b>178,022</b>
<b>South America:</b>									
Argentina.....	2,766	2,683	2,900	2.12	3.28	2.69	5,855	8,800	7,900
Bolivia.....	230	250	230	1.43	1.33	1.33	330	305	305
Brazil.....	11,300	11,800	11,000	1.60	1.59	1.64	17,885	18,800	18,000
Chile.....	107	116	93	2.55	3.06	3.53	273	355	338
Colombia.....	883	631	679	1.51	1.21	1.40	879	766	950
Ecuador.....	132	110	130	.86	.87	.86	113	96	112
Guyana.....	3	4	5	2.00	2.25	2.20	6	9	11
Paraguay.....	210	225	225	1.78	1.33	1.33	370	300	300
Peru.....	370	400	410	1.69	1.88	1.71	625	670	700
Uruguay.....	172	170	170	1.22	.71	.29	210	130	220
Venezuela.....	806	489	534	1.29	1.09	1.50	653	532	860
<b>Total.....</b>	<b>16,279</b>	<b>16,858</b>	<b>16,376</b>	<b>1.67</b>	<b>1.82</b>	<b>1.80</b>	<b>27,199</b>	<b>30,753</b>	<b>29,526</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	6	6	5	6.33	5.00	5.80	38	30	28
France.....	1,965	1,350	1,608	4.17	4.07	4.88	8,194	5,600	8,140
Germany, Fed. Rep. of.....	98	103	100	5.43	4.86	5.50	531	490	550
Italy.....	897	890	980	5.94	6.00	6.43	5,328	5,337	6,300
Netherlands.....	1	1	1	6.00	5.00	5.00	6	5	5
United Kingdom.....	1	1	1	3.00	2.00	3.00	3	2	3
<b>Total EC.....</b>	<b>2,966</b>	<b>2,351</b>	<b>2,755</b>	<b>4.75</b>	<b>4.83</b>	<b>5.45</b>	<b>14,098</b>	<b>11,354</b>	<b>15,026</b>
<b>Europe:</b>									
Austria.....	144	160	165	6.81	5.85	6.30	981	936	1,040
Greece.....	135	132	130	4.00	4.17	4.00	540	551	530
Portugal.....	372	354	355	1.21	1.02	1.35	451	360	480
Spain.....	485	442	446	3.70	3.50	3.89	1,794	1,545	1,737
Switzerland.....	22	18	20	6.50	6.39	6.20	143	115	124
<b>Total Western Europe.....</b>	<b>4,124</b>	<b>3,457</b>	<b>3,871</b>	<b>4.37</b>	<b>4.30</b>	<b>4.89</b>	<b>18,007</b>	<b>14,861</b>	<b>18,927</b>
<b>Europe:</b>									
Albania.....	165	165	165	1.82	1.82	1.82	250	250	250
Bulgaria.....	694	728	730	4.56	4.11	4.11	3,025	3,034	3,000
Czechoslovakia.....	158	204	203	5.34	2.82	4.03	843	514	1,000
German Dem. Rep.....	1	1	1	2.00	2.00	3.00	2	2	2
Hungary.....	1,413	1,341	1,340	5.02	3.87	4.70	7,088	5,189	6,300
Poland.....	15	52	90	5.27	4.44	3.33	79	231	300
Romania.....	3,305	3,378	3,500	2.80	3.43	2.74	9,241	11,582	9,600
Yugoslavia.....	2,363	2,372	2,285	3.97	3.84	4.46	9,380	9,112	10,200
<b>Total Eastern Europe.....</b>	<b>8,084</b>	<b>8,251</b>	<b>8,314</b>	<b>3.70</b>	<b>3.63</b>	<b>3.69</b>	<b>29,917</b>	<b>29,915</b>	<b>30,652</b>
<b>Total Europe.....</b>	<b>12,208</b>	<b>11,708</b>	<b>12,185</b>	<b>3.93</b>	<b>3.82</b>	<b>4.07</b>	<b>47,924</b>	<b>44,776</b>	<b>49,579</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>2,652</b>	<b>3,303</b>	<b>3,000</b>	<b>2.76</b>	<b>3.07</b>	<b>3.00</b>	<b>7,328</b>	<b>10,136</b>	<b>9,000</b>
<b>Africa:</b>									
Algeria.....	5	5	5	.80	.80	.80	4	4	4
Angola.....	600	600	600	.75	.75	.75	450	450	450
Benin.....	310	310	310	.65	.65	.65	200	200	200
Burundi.....	175	175	175	1.00	1.00	1.00	175	175	175
Cameroon.....	340	340	340	1.03	1.03	1.03	350	350	350
Egypt.....	768	660	750	3.82	4.11	3.75	2,781	2,710	2,815
Ethiopia.....	900	900	900	1.11	1.11	1.11	1,000	1,000	1,000
Ghana.....	320	305	350	1.23	.98	.86	400	300	300
Ivory Coast.....	365	380	380	.68	.71	.71	250	270	270
Kenya.....	1,100	1,100	1,100	1.73	1.84	1.84	1,900	1,995	1,995
Madagascar.....	120	120	120	1.00	1.00	1.00	120	120	120
Malawi.....	1,000	1,000	1,000	1.00	1.10	1.20	1,000	1,100	1,200

See footnotes at end of table.

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Mali.....	90	90	90	0.67	0.67	0.67	60	60	60
Morocco.....	492	433	434	.75	1.14	.69	371	492	280
Mozambique.....	800	680	680	.67	.83	.68	400	560	450
Nigeria.....	1,075	1,725	1,600	.84	.83	.86	1,400	1,440	1,350
Southern Rhodesia.....	475	475	475	3.68	2.95	2.74	1,748	1,400	1,300
Senegal.....	63	63	67	.67	.71	.70	42	45	47
South Africa.....	4,548	4,453	4,530	1.61	2.15	2.09	7,312	9,592	9,500
Tanzania.....	1,300	1,300	1,300	.69	.69	.69	900	900	900
Uganda.....	290	290	290	1.21	1.21	1.21	350	350	350
Zambia.....	190	175	175	3.19	3.86	3.14	675	675	580
Zaire.....	370	370	370	1.14	1.11	1.12	430	410	415
<b>Total.....</b>	<b>16,066</b>	<b>15,949</b>	<b>16,251</b>	<b>1.38</b>	<b>1.53</b>	<b>1.47</b>	<b>22,206</b>	<b>24,301</b>	<b>23,954</b>
<b>Asia:</b>									
Afghanistan.....	460	460	460	1.52	1.52	1.52	700	700	700
Burma.....	100	100	100	.82	.85	.85	82	85	85
Cambodia.....	100	100	100	1.20	1.20	1.20	120	120	120
China, People's Rep. of.....	14,500	14,500	14,500	2.21	2.17	2.17	32,000	31,400	31,400
China, Rep. of.....	50	41	43	2.78	2.78	3.02	138	114	130
India.....	5,999	6,064	6,000	1.17	1.03	.99	7,039	6,257	5,950
Indonesia.....	2,360	2,095	2,000	1.12	1.23	1.15	2,638	2,572	2,300
Iran.....	30	35	40	2.17	1.14	1.38	65	40	55
Iraq.....	9	20	20	1.67	2.30	2.60	15	44	52
Israel.....	2	5	5	7.00	2.80	2.80	14	14	14
Japan.....	4	4	3	2.75	2.75	2.67	11	11	8
Jordan.....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, North.....	980	980	980	2.74	2.74	2.63	2,660	2,600	2,400
Korea, Rep. of.....	34	35	35	1.79	2.40	2.40	60	84	84
Lebanon.....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia (Peninsula).....	3	12	13	2.00	2.25	2.23	6	27	29
Nepal.....	440	452	440	1.82	1.74	1.82	800	787	800
Pakistan.....	621	601	587	1.29	1.27	1.45	803	764	830
Philippines.....	3,256	3,321	3,500	.85	.86	.87	2,767	2,843	3,090
Syria.....	15	27	40	1.47	1.85	2.00	22	50	80
Thailand.....	1,336	1,400	1,463	2.25	1.96	1.26	3,000	2,750	1,850
Turkey.....	600	600	600	2.00	2.16	1.83	1,200	1,310	1,100
Vietnam.....	30	30	30	1.17	1.17	1.17	35	35	35
<b>Total.....</b>	<b>30,899</b>	<b>30,845</b>	<b>30,932</b>	<b>1.75</b>	<b>1.71</b>	<b>1.65</b>	<b>54,115</b>	<b>52,610</b>	<b>51,105</b>
<b>Oceania:</b>									
Australia.....	51	58	53	2.59	2.50	2.57	132	145	136
New Zealand.....	32	34	35	7.44	7.53	7.60	238	256	266
<b>Total.....</b>	<b>83</b>	<b>92</b>	<b>88</b>	<b>4.46</b>	<b>4.36</b>	<b>4.57</b>	<b>370</b>	<b>401</b>	<b>402</b>
<b>World total.....</b>	<b>116,182</b>	<b>118,006</b>	<b>117,683</b>	<b>2.77</b>	<b>2.85</b>	<b>2.90</b>	<b>321,624</b>	<b>336,271</b>	<b>341,577</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1977 and ends early in 1978.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

1963.  
1964.  
1965.  
1966.  
1967.  
1968.  
1969.  
1970.  
1971.  
1972.  
1973.  
1974.  
1975.  
1976.  
1977.  
1978.

<sup>1</sup> In-  
guarant-  
loan  
the tax  
<sup>2</sup> Per-  
<sup>3</sup> Rep-  
<sup>4</sup> Inc-  
grain v  
<sup>5</sup> Un-  
<sup>6</sup> Pre-

Agric-  
Tabl-

Coun-

Corn:  
Cana-  
Othe-  
To

Belgi-  
bot-  
Germ-  
Grec-  
Italy  
Neth-  
Norw-  
Spain  
Unit-  
Other

To

India  
Israel  
Japan  
Other  
Egypt  
Other  
Other

Wo

Relief

<sup>1</sup> Year  
<sup>2</sup> Incl-  
Foreig

Table 46.—Corn: Price-support operations, United States, 1963-78

Year beginning October	Support price		Put under support <sup>a</sup>		Acquired by CCC under support program <sup>d</sup>	Owned by CCC Sept. 30
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1963.....	1.25	79	295	9.8	16	828
1964.....	1.25	80	218	6.2	12	540
1965.....	1.25	80	218	6.2	8	145
1966.....	1.30	81	263	6.4	13	139
1967.....	1.35	83	497	10.4	193	182
1968.....	1.35	82	404	9.2	38	<sup>a</sup> 290
1969.....	1.35	78	398	8.7	5	<sup>a</sup> 197
1970.....	1.35	78	324	7.9	7	<sup>a</sup> 97
1971.....	1.35	71	953	16.9	35	<sup>a</sup> 156
1972.....	1.41	70	420	7.5	1	<sup>a</sup> 4
1973.....	1.64	70	261	4.6	.....	.....
1974.....	1.38	81	77	1.7	.....	.....
1975.....	1.38	45	147	2.5	.....	.....
1976.....	1.87	46	276	4.4	.....	.....
1977.....	2.00	58	<sup>a</sup> 1,050	<sup>a</sup> 16.5	.....	.....
1978.....	2.10	.....	.....	.....	.....	.....

<sup>1</sup> Includes price-support payments of 18 cents in 1963, 15 cents in 1964, 20 cents in 1965, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; and, for 1977-78, \$2.00 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price.

<sup>2</sup> Percentage of parity price as of the beginning of the marketing year.

<sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis.

<sup>4</sup> Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>a</sup> Uncommitted CCC inventory.

<sup>b</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1978*, table 47.

Table 47.—Corn and cornmeal: United States exports (domestic), by country of destination, 1975 and 1976<sup>1</sup>

Country of destination	Year <sup>1</sup>			Country of destination	Year <sup>1</sup>		
	1975	Transition quarter	1976		1975	Transition quarter	1976
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Corn:				Cornmeal:			
Canada.....	674,954	30,088	439,049	Canada.....	73,918	17,958	74,243
Other Americas.....	1,739,064	13,202	2,376,063	Dominican Republic.....	4,002	738	2,497
Total Americas.....	2,414,598	43,290	2,815,112	Brazil.....	35	312	65
Belgium and Luxem- bourg.....	537,022	47,213	2,040,098	Colombia.....	10,113	2,507	3,183
Germany, Fed. Rep. of.....	4,178,617	95,824	5,319,497	Other Americas.....	15,143	12,906	21,638
Greece.....	6,57,741	25,131	971,877	Total Americas.....	103,211	24,424	101,626
Italy.....	2,654,413	95,908	2,323,062	Europe.....	3,748	701	2,496
Netherlands.....	3,484,876	172,576	4,614,972	Philippines.....	13	.....	7
Norway.....	93,706	.....	75,160	Other Asia and Oceania.....	7,034	2,993	6,539
Spain.....	2,047,249	50,092	1,044,428	Senegal.....	3,542	1,826	5,361
United Kingdom.....	993,461	37,966	2,826,662	South Africa.....	201	1,445	2,167
Other Europe.....	12,680,806	230,854	16,065,006	Other Africa.....	41,146	8,508	26,789
Total Europe.....	27,357,890	758,564	26,080,818	World total.....	160,895	40,297	144,984
India.....	452	.....	.....	Relief or charity <sup>2</sup> .....	43,995	5,405	43,036
Israel.....	291,660	7,802	330,439				
Japan.....	5,772,308	203,836	7,640,262				
Other Asia and Oceania.....	1,532,150	56,283	2,784,759				
Egypt.....	456,004	9,841	867,238				
Other Africa.....	401,458	11,480	378,664				
Other countries.....	1,475,825	36,720	1,815,362				
World total.....	39,792,345	1,127,802	42,482,654				
Relief or charity <sup>2</sup> .....	.....	.....	.....				

<sup>1</sup> Year beginning July 1 in 1975; year beginning Oct. 1 in 1976; the transition quarter is July 1, 1976-Sept. 30, 1976.

<sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	Planted <sup>2</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	28,064	21,308	46.3	965,810	656,936	308,574	0.633	906,219
1964.....	28,634	19,789	43.1	832,267	570,425	281,832	.631	840,675
1965.....	24,046	15,522	30.2	929,554	614,501	314,783	.622	867,414
1966.....	23,343	17,877	44.9	803,324	526,776	276,548	.666	839,808
1967.....	20,719	16,110	40.3	793,800	525,377	268,423	.650	828,034
1968.....	23,342	17,708	53.7	950,689	591,648	350,041	.598	875,848
1969.....	23,561	17,971	53.7	965,863	586,254	379,609	.594	872,321
1970.....	24,410	18,594	49.2	915,236	561,303	353,933	.623	882,225
1971.....	21,531	15,705	36.9	878,079	539,095	338,984	.604	843,715
1972.....	19,990	13,410	51.5	890,616	428,465	362,151	.734	807,202
1973.....	18,605	13,770	47.9	859,136	403,607	355,629	1.18	774,715
1974.....	17,013	12,608	47.6	800,655	389,016	311,639	1.53	912,010
1975.....	16,486	13,092	49.0	842,042	396,586	348,586	1.46	928,391
1976.....	16,734	11,946	45.7	846,315	352,983	193,332	1.56	845,188
1977 <sup>3</sup> .....	17,793	13,447	55.6	747,914	459,499	288,415	1.14	853,434

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, tables 49 and 52.

Table 49.—Oats: Stocks on and off farms, United States, 1963-77

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	820,550	677,593	439,798	249,038	112,571	85,382	71,726	63,328
1964.....	728,807	604,460	389,534	213,738	120,316	87,774	71,050	62,770
1965.....	782,038	661,263	449,217	241,215	138,613	102,605	87,238	75,490
1966.....	678,804	557,581	355,033	199,294	156,280	105,110	87,895	71,546
1967.....	650,293	552,094	363,866	207,725	135,670	104,378	83,534	66,511
1968.....	791,680	668,396	448,065	278,688	154,655	123,237	106,377	99,949
1969.....	847,091	738,853	541,049	352,783	193,728	160,990	144,844	145,812
1970.....	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,522
1971.....	810,518	691,350	506,509	336,119	280,502	250,581	238,710	204,940
1972.....	681,046	558,177	378,809	229,988	249,036	220,117	206,575	180,574
1973.....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974.....	497,688	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975.....	487,412	398,891	247,832	158,939	130,775	94,092	70,101	46,277
1976.....	419,968	339,008	211,615	129,328	112,445	73,477	47,459	35,903
1977 <sup>2</sup> .....	589,293	480,440	356,146	-----	115,459	82,554	61,172	-----

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 54.

Table 50.—Oats: Supply and disappearance, United States, 1963-77

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1963.....	325	966	4	1,295	816	110	926	6	932	344	19	363
1964.....	363	852	3	1,218	782	106	888	5	893	299	26	325
1965.....	325	950	4	1,280	742	105	847	34	881	341	37	378
1966.....	378	803	3	1,185	749	97	846	22	868	276	41	317
1967.....	317	794	3	1,114	686	101	787	11	798	271	45	316
1968.....	316	951	2	1,269	738	101	837	8	845	377	47	424
1969.....	424	966	2	1,392	735	104	839	5	844	468	80	548
1970.....	548	915	1	1,464	778	97	875	19	894	429	141	570
1971.....	570	878	3	1,451	739	94	833	21	854	423	174	597
1972.....	597	691	3	1,291	721	88	809	19	828	350	113	463
1973.....	463	659	( <sup>3</sup> )	1,123	674	85	759	57	816	282	25	307
1974.....	307	601	( <sup>3</sup> )	908	584	82	666	19	685	216	7	223
1975.....	223	642	1	866	592	85	677	14	691	205	0	205
1976.....	205	546	1	752	489	88	577	10	587	165	0	165
1977 <sup>4</sup> .....	165	748	1	914	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Less than 500,000 bushels.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 51.—Oats: Price-support operations, United States, 1963-78

Year beginning July <sup>1</sup>	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1963.....	0.65	76	38.9	4.0	31.9	28.3
1964.....	.65	77	44.9	5.3	25.1	42.2
1965.....	.60	70	43.9	4.7	6.8	50.6
1966.....	.60	69	22.7	2.8	6.5	47.8
1967.....	.63	71	37.2	4.7	19.5	45.2
1968.....	.63	70	94.9	10.1	35.6	*34.2
1969.....	.63	67	132.4	15.7	62.0	*104.3
1970.....	.63	66	108.8	11.9	26.6	*185.9
1971.....	.54	56	81.9	9.3	.....	*178.1
1972.....	.54	54	31.8	4.6	.....	*104.9
1973.....	.54	48	10.4	1.6	.....	*23.9
1974.....	.54	43	3.9	.6	.....	*5.8
1975.....	.54	37	3.9	.6	.....	.....
1976.....	.72	45	4.3	.8	.....	.....
1977.....	1.05	59	*75.0	*10.0	.....	.....
1978.....	*1.05	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>5</sup> Uncommitted CCC inventory.<sup>6</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 57.



Table 52.—Oats: Area, yield, and production, by States, 1975-77

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	65	90	92	29	25	25	36.0	37.0	41.0	1,044	925	1,025
Ark.....	60	65	85	45	55	50	52.0	78.0	70.0	2,340	4,290	3,500
Calif.....	365	385	400	90	100	104	53.0	49.0	51.0	4,770	4,900	5,304
Colo.....	110	114	115	42	50	31	47.0	47.0	46.0	1,974	2,350	1,426
Fla.....	31	33	33	12	12	12	41.0	50.0	45.0	492	600	540
Ga.....	137	140	130	86	90	88	47.0	53.0	50.0	2,632	3,190	2,780
Idaho.....	63	60	66	47	43	45	54.0	55.0	57.0	2,528	2,408	2,565
Ill.....	525	435	390	445	380	340	56.0	59.0	61.0	24,920	22,420	20,740
Ind.....	285	250	200	225	200	150	55.0	51.0	53.0	12,375	10,200	7,950
Iowa.....	1,730	1,700	1,700	1,425	1,400	1,375	53.0	56.0	56.0	75,525	82,600	81,125
Kans.....	140	250	285	109	300	210	40.0	42.0	45.0	4,360	8,400	9,450
Ky.....	42	42	36	10	10	9	41.0	35.0	35.0	410	350	315
La.....	19	19	19	8	9	7	37.0	52.0	54.0	222	468	378
Maine.....	36	38	38	31	28	30	50.0	50.0	50.0	1,550	1,400	1,300
Md.....	25	27	27	21	22	22	56.0	55.0	53.0	1,176	1,210	1,166
Mich.....	460	420	400	370	385	340	56.0	51.0	55.0	20,720	19,535	18,700
Minn.....	2,100	2,300	2,530	2,000	2,060	2,380	52.0	46.0	46.0	104,000	94,760	101,840
Miss.....	40	30	30	17	13	13	40.0	42.0	45.0	680	545	585
Mo.....	182	210	220	85	138	145	39.0	40.0	50.0	3,315	5,440	7,250
Mont.....	390	290	312	170	157	140	44.0	48.0	40.0	7,490	7,536	5,000
Nebr.....	700	850	800	590	660	670	49.0	42.0	58.0	28,910	27,720	35,890
Nev.....	10	10	13	3	3	4	55.0	48.0	55.0	165	144	220
N.J.....	11	11	10	7	8	9	42.0	51.0	43.0	294	408	387
N.Y.....	395	380	340	340	315	290	60.0	55.0	53.0	20,400	17,325	15,370
N.C.....	155	175	170	80	80	75	51.0	47.0	42.0	4,080	3,700	2,150
N.Dak.....	1,500	1,320	1,950	1,370	1,180	1,500	41.0	38.0	40.0	56,170	44,540	60,000
Ohio.....	525	550	460	490	500	420	53.0	57.0	56.0	30,570	28,500	24,780
Okl.....	215	230	280	95	105	120	34.0	45.0	46.0	3,230	4,725	5,980
Or.....	125	130	140	66	70	80	56.0	55.0	65.0	3,696	3,550	5,200
Pa.....	405	390	390	375	355	350	53.0	51.0	53.0	19,875	18,105	18,550
S.C.....	120	140	117	60	65	55	49.0	45.0	46.0	2,940	2,925	2,530
S.Dak.....	2,550	2,560	2,920	2,230	1,420	2,450	44.0	30.0	54.0	98,120	42,900	132,300
Tenn.....	60	102	108	15	25	25	41.0	48.0	43.0	615	1,125	1,075
Tex.....	1,400	1,830	1,450	650	390	600	30.0	37.0	40.0	19,500	14,430	24,000
Utah.....	22	22	20	13	12	10	56.0	57.0	55.0	728	884	550
Va.....	60	65	75	23	31	34	45.0	48.0	44.0	1,125	1,488	1,495
Wash.....	82	82	76	35	35	35	54.0	56.0	43.0	1,890	1,900	1,505
W.Va.....	18	19	19	13	14	12	47.0	45.0	41.0	611	630	482
Wis.....	1,470	1,450	1,270	1,350	1,280	1,170	55.0	43.0	65.0	74,250	55,040	76,050
Wyo.....	68	70	75	50	53	45	41.0	46.0	38.0	2,950	2,438	1,710
U.S.....	16,486	16,734	17,793	13,092	11,946	13,447	49.0	45.7	55.6	642,042	546,513	747,914

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 53.—Oats and oatmeal: United States exports (domestic), by country of destination, 1975 and 1976 <sup>1</sup>

Country of destination	Year <sup>1</sup>			Country of destination	Year <sup>1</sup>		
	1975	Transition quarter	1976		1975	Transition quarter	1976
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Oats:				Oatmeal:			
Mexico.....	10,031	372	83	Mexico.....	34	36	3
Belgium and Luxembourg.....	996			Central America.....	4,332	979	10,502
Germany, Fed. Rep. of.....	25,308	18,718	25,053	Colombia.....	1,758		1,737
Italy.....	30,989	14,350	11,118	Ecuador.....	160		63
Netherlands.....	4,905	5,460	14,362	Venezuela.....	10,793	1,757	7,314
Switzerland.....	10,086		2,059	Other America.....	2,821	710	4,397
Other countries.....	100,337	22,450	30,266	Other countries.....	1,356	194	683
World total <sup>2</sup> .....	182,652	61,350	82,941	World total.....	21,263	3,675	24,710

<sup>1</sup> Year beginning July 1 in 1975; year beginning Oct. 1 in 1976; the transition quarter is July 1, 1976-Sept. 30, 1976.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 54.—Oats: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	1,025	625	400	1.35	1,384	540
Ark.....	3,500	735	2,765	1.10	3,850	3,042
Calif.....	5,304	796	4,508	1.45	7,691	6,537
Colo.....	1,426	927	499	.95	1,355	474
Fla.....	540	362	178	1.25	675	223
Ga.....	2,780	1,512	1,238	1.45	3,988	1,795
Idaho.....	2,565	1,924	641	1.30	3,335	833
Ill.....	20,740	11,522	8,918	1.10	22,814	9,810
Ind.....	7,950	4,611	3,339	1.40	12,720	5,342
Iowa.....	81,123	55,976	25,149	1.10	89,238	27,664
Kans.....	9,480	6,993	2,487	1.10	10,395	2,703
Ky.....	315	252	63	1.75	551	110
La.....	378	249	129	1.45	548	187
Maine.....	1,500	330	1,170	.85	1,275	995
Md.....	1,166	968	198	1.50	1,749	297
Mich.....	18,700	7,854	10,846	1.35	25,245	14,642
Minn.....	161,640	85,775	76,045	1.05	169,932	79,868
Miss.....	583	383	222	1.35	790	300
Mo.....	7,250	6,017	1,233	1.20	8,700	1,480
Mont.....	5,600	3,976	1,624	1.30	7,280	2,111
Nebr.....	38,860	20,984	17,876	.95	36,917	10,982
Nev.....	220	161	89	1.30	286	77
N.J.....	387	271	116	1.40	542	162
N.Y.....	15,370	9,837	5,533	1.55	28,361	9,129
N.C.....	3,150	1,964	1,186	1.55	4,883	1,807
N. Dak.....	60,000	40,200	19,800	.95	57,000	18,910
Ohio.....	24,780	13,877	10,903	1.50	37,170	16,355
Okla.....	5,980	4,066	1,914	1.45	8,671	2,775
Oreg.....	5,200	1,864	3,336	1.15	5,980	4,066
Pa.....	18,550	14,283	4,267	1.60	29,680	6,827
S.C.....	2,530	1,240	1,290	1.40	3,542	1,806
S. Dak.....	132,300	76,734	55,566	1.10	145,530	61,123
Tenn.....	1,075	731	344	1.70	1,828	585
Tex.....	24,000	14,400	9,600	1.30	31,200	12,480
Utah.....	550	396	154	1.40	770	216
Va.....	1,496	1,122	374	1.45	2,169	542
Wash.....	1,505	813	692	1.30	1,957	900
W. Va.....	492	454	38	1.30	640	49
Wis.....	76,050	63,121	12,929	1.10	83,655	14,232
Wyo.....	1,710	1,094	616	1.25	2,138	770
U.S.....	747,914	450,499	288,415	1.14	833,434	328,626

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 55

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1977 and ends early in 1978.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés, and Foreign Service Officers, results of office research, and related information.

Table 55.—Oats: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	2,411	2,410	2,132	1.85	2.00	2.02	4,466	4,831	4,303
Mexico.....	89	70	90	.96	.86	.78	85	60	70
United States.....	5,504	4,834	5,442	1.74	1.64	2.00	9,551	7,930	10,857
Total.....	8,004	7,314	7,664	1.76	1.78	1.99	14,102	12,821	15,230
South America:									
Argentina.....	338	383	400	1.28	1.38	1.25	433	530	500
Brazil.....	37	38	32	1.03	1.05	1.09	38	40	35
Chile.....	80	75	79	.96	1.65	1.58	77	124	125
Colombia.....	2	2	2	2.00	2.50	2.50	4	5	5
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	84	64	64	.72	.52	.95	61	33	61
Total.....	542	563	578	1.13	1.30	1.26	614	733	727
Europe:									
Belgium-Luxembourg.....	83	59	59	3.08	2.46	3.32	254	145	196
Denmark.....	111	98	88	3.31	2.61	3.64	367	256	320
France.....	655	645	626	2.97	2.17	3.10	1,945	1,402	1,938
Germany, Fed. Rep. of.....	920	855	787	3.74	2.92	3.62	3,445	2,497	2,845
Ireland.....	50	42	32	3.36	3.37	4.38	168	150	140
Italy.....	239	236	222	2.12	1.86	1.62	506	440	360
Netherlands.....	34	25	21	4.65	4.12	4.45	158	103	94
United Kingdom.....	235	235	194	3.38	3.25	4.05	785	764	785
Total EC.....	2,327	2,195	2,039	3.28	2.62	3.29	7,643	5,757	6,681
Austria.....	101	95	90	3.03	2.98	3.20	306	283	288
Finland.....	572	561	465	2.83	2.85	2.28	1,450	1,573	1,081
Greece.....	71	67	63	1.49	1.57	1.29	106	106	81
Norway.....	103	102	104	2.57	2.81	3.66	265	287	381
Portugal.....	207	216	148	.58	.62	.28	121	133	42
Spain.....	457	455	427	1.33	1.11	1.17	609	505	500
Sweden.....	464	450	446	2.90	2.78	3.31	1,345	1,251	1,478
Switzerland.....	13	12	14	4.23	4.00	4.21	55	48	59
Total Western Europe.....	4,315	4,143	3,786	2.76	2.40	2.79	11,900	9,942	10,571
Albania.....	25	25	25	.68	.68	.68	17	17	17
Bulgaria.....	45	50	50	1.18	1.20	1.20	53	60	60
Czechoslovakia.....	221	198	200	2.67	1.91	2.75	591	379	550
German Dem. Rep.....	243	190	230	3.21	2.66	2.74	780	506	630
Hungary.....	45	39	32	1.93	2.21	2.00	87	86	64
Poland.....	1,291	1,115	1,066	2.26	2.42	2.46	2,920	2,695	2,700
Romania.....	70	67	65	.81	.72	.89	57	48	58
Yugoslavia.....	270	232	250	1.36	1.38	1.38	368	320	340
Total Eastern Europe.....	2,210	1,916	1,948	2.20	2.15	2.27	4,873	4,111	4,419
Total Europe.....	6,525	6,059	5,734	2.57	2.32	2.61	16,773	14,053	14,990
Soviet Union (Europe and Asia).....	12,107	11,237	12,800	1.03	1.61	1.25	12,496	18,113	16,000
Africa:									
Algeria.....	50	50	50	.74	.74	.74	37	37	37
Morocco.....	25	31	25	.60	1.16	.80	15	36	20
South Africa.....	581	605	552	.17	.14	.15	99	83	81
Total.....	656	686	627	.23	.23	.22	151	158	138
Asia:									
China, People's Rep. of.....	1,230	1,230	1,230	1.05	1.06	1.06	1,290	1,300	1,300
Japan.....	13	10	8	2.15	2.20	2.25	28	22	18
Turkey.....	260	243	250	1.50	1.65	1.58	390	400	390
Total.....	1,503	1,483	1,488	1.14	1.16	1.15	1,708	1,722	1,708
Oceania:									
Australia.....	987	991	1,206	1.16	1.08	.78	1,141	1,073	935
New Zealand.....	20	19	20	3.00	3.74	3.90	60	71	78
Total.....	1,007	1,010	1,226	1.19	1.13	.83	1,201	1,144	1,013
World total.....	30,344	28,352	30,117	1.55	1.72	1.65	47,044	48,744	49,806

See footnotes on page 41.

Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	Planted <sup>2</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	13,452	11,236	35.0	392,833	110,814	282,019	0.897	350,020
1964.....	11,652	10,277	37.6	386,039	91,400	294,639	.953	395,050
1965.....	10,123	9,166	42.9	393,035	92,880	300,155	1.02	399,575
1966.....	11,184	10,250	38.3	392,106	103,816	288,290	1.06	411,840
1967.....	10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,413
1968.....	10,486	9,732	43.8	426,151	110,361	315,790	.921	390,241
1969.....	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,878
1970.....	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971.....	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972.....	10,567	9,645	43.7	421,719	106,480	315,239	1.21	505,222
1973.....	11,045	10,295	40.6	417,434	109,068	308,366	2.14	681,569
1974.....	8,713	7,930	37.7	298,699	81,501	217,198	2.81	821,639
1975.....	9,290	8,530	43.9	374,386	100,127	274,259	2.42	894,739
1976.....	9,157	8,297	44.9	372,461	98,175	274,286	2.95	829,716
1977 <sup>3</sup> .....	10,586	9,490	43.8	415,803	113,932	301,871	1.80	748,199

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1969-82 in *Agricultural Statistics, 1978*, tables 58 and 61.

Table 57.—Barley: Stocks on and off farms, United States, 1963-77

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	257,340	195,061	126,942	55,527	163,426	130,418	101,794	73,943
1964.....	247,182	180,785	101,466	38,376	148,680	119,863	97,834	61,146
1965.....	244,187	184,763	99,281	46,208	143,530	116,298	93,961	58,631
1966.....	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,798
1967.....	232,905	184,651	128,747	71,241	148,900	118,539	89,286	66,144
1968.....	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,609
1969.....	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970.....	305,992	239,143	141,748	80,534	183,833	142,162	118,019	74,845
1971.....	317,366	255,212	185,647	106,920	171,130	136,904	117,985	67,818
1972.....	321,090	245,864	180,937	88,699	131,967	115,568	97,340	73,788
1973.....	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,626
1974.....	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975.....	212,801	160,291	97,805	63,198	126,963	113,508	86,360	64,666
1976.....	208,938	153,726	90,752	52,252	152,384	117,511	97,316	73,448
1977 <sup>4</sup> .....	264,006	217,772	148,467	-----	139,334	110,256	87,517	-----

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-82 in *Agricultural Statistics, 1978*, table 64.

Table 58.—Barley: Supply and disappearance, United States, 1963-77

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Pro- duction	Im- ports	Total	Domestic use			Ex- ports	Total disap- pearance	Pri- vately held <sup>1</sup>	Gov- ernment <sup>2</sup>	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1963.....	171	293	13	577	232	115	347	68	415	142	20	162
1964.....	162	386	12	560	251	117	368	89	427	117	16	133
1965.....	133	393	8	534	202	121	323	78	401	123	10	133
1966.....	133	392	7	532	209	127	336	48	384	142	6	148
1967.....	148	374	9	531	205	129	334	36	370	155	6	161
1968.....	161	426	10	597	227	133	360	12	372	217	8	225
1969.....	225	427	13	665	248	138	386	10	396	256	13	269
1970.....	289	416	10	695	287	140	427	84	511	161	23	184
1971.....	184	462	12	658	286	143	409	41	450	208	0	208
1972.....	208	422	17	646	238	146	384	70	454	191	1	192
1973.....	192	417	9	618	232	147	379	93	472	146	0	146
1974.....	146	299	20	465	180	161	331	42	373	92	0	92
1975.....	92	374	16	482	182	148	330	24	354	128	0	128
1976 <sup>3</sup> .....	128	372	11	511	161	158	319	66	385	126	0	126
1977 <sup>3</sup> .....	126	416	10	552								

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Less than 500,000 bushels.

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Table 59.—Barley: Area, yield, and production, by States, 1975-77

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels
Aris.....	73	65	62	65	57	55	75.0	76.0	76.0	4,875	4,339	4,180
Calif.....	1,220	1,200	1,150	1,060	1,010	950	57.0	56.0	56.0	80,420	56,560	53,200
Colo.....	245	275	280	230	245	230	53.0	55.0	59.0	12,190	13,475	13,570
Del.....	35	34	34	27	25	20	47.0	48.0	42.0	1,309	1,200	840
Ga.....	6	7	9	5	6	7	38.0	45.0	37.0	199	270	259
Idaho.....	775	810	940	755	800	850	50.0	54.0	47.0	37,750	43,200	39,930
Ill.....	11	11	10	10	10	9	42.0	40.0	42.0	420	400	378
Ind.....	12	12	9	10	9	8	40.0	42.0	40.0	400	378	320
Kans.....	55	80	75	50	68	65	37.0	35.0	36.0	1,850	2,380	2,340
Ky.....	37	35	39	26	23	25	37.0	37.0	46.0	982	851	1,150
Md.....	108	103	100	95	90	70	45.0	40.0	51.0	4,275	4,410	3,570
Mich.....	18	20	21	17	19	19	47.0	46.0	52.0	799	874	988
Minn.....	900	880	1,050	808	860	1,030	38.0	41.0	51.0	30,590	35,260	52,530
Mo.....	11	10	10	9	8	8	36.0	32.0	37.0	324	256	296
Mont.....	1,380	1,220	1,550	1,300	1,170	1,520	39.0	44.5	36.5	50,700	52,085	55,480
Nebr.....	36	45	37	33	40	34	36.0	36.0	45.0	1,188	1,440	1,530
Nev.....	15	18	21	13	16	19	51.0	54.0	65.0	683	864	1,235
N.J.....	31	42	40	14	20	17	48.0	40.0	48.0	672	980	816
N. Mex.....	36	32	35	28	24	26	55.0	51.0	51.0	1,824	1,224	1,326
N.Y.....	11	10	11	10	9	10	48.0	44.0	44.0	450	396	440
N.C.....	70	73	67	60	60	55	48.0	39.0	40.0	2,760	2,340	2,200
N. Dak.....	2,220	2,300	2,690	2,100	2,140	2,530	38.0	38.0	39.0	79,820	81,320	98,670
Ohio.....	14	13	13	11	11	11	51.0	52.0	51.0	561	572	561
Okl.....	95	85	140	80	73	120	30.0	42.0	35.0	2,480	3,066	4,200
Oreg.....	200	180	210	177	160	190	49.0	46.0	47.0	8,673	7,260	8,530
Pa.....	140	140	135	130	125	125	50.0	43.0	50.0	6,500	5,375	6,250
S.C.....	24	25	24	19	20	21	39.0	36.0	40.0	741	720	840
S. Dak.....	560	580	680	532	350	640	31.0	17.0	42.0	16,492	5,950	26,880
Tenn.....	24	25	24	12	12	13	30.0	37.0	39.0	360	481	507
Tex.....	110	75	150	70	52	85	34.0	39.0	40.0	2,380	2,028	3,400
Utah.....	144	151	144	135	126	115	60.0	55.0	54.0	8,100	6,830	6,210
Va.....	107	110	115	90	92	92	49.0	48.0	44.0	4,410	4,416	4,048
Wash.....	399	400	420	380	390	350	53.0	54.0	27.0	20,140	21,060	9,450
W. Va.....	11	10	10	10	9	9	46.0	42.0	42.0	460	378	378
Wis.....	37	35	31	35	32	29	43.0	40.0	54.0	1,505	1,280	1,566
Wyo.....	140	146	150	127	135	133	50.0	62.0	55.0	7,493	8,370	7,315
U.S.....	9,290	9,157	10,586	8,530	8,297	9,490	43.9	44.9	43.8	374,386	372,461	415,803

<sup>1</sup> Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Preliminary.

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## FOOTNOTES FOR TABLE 51

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Includes price-support payments of 14 cents in 1963, 12 cents in 1965, 1966, and 1970, and a guarantee of 33 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; and, for 1977-78, \$1.63 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price.<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.<sup>4</sup> Represents loans made, purchases, and purchase agreements entered into.<sup>5</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>6</sup> Uncommitted CCC inventory.<sup>7</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-52 in *Agricultural Statistics, 1978*, table 67.

Table 60.—Barley: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Aris.....	4,180	752	3,428	2.20	9,196	7,542
Calif.....	83,300	5,320	47,880	2.20	117,040	105,336
Colo.....	13,370	2,965	10,385	2.20	29,354	23,257
Del.....	840	336	504	1.90	1,596	958
Ga.....	259	179	80	1.85	427	132
Idaho.....	39,950	13,583	26,367	1.90	75,905	50,097
Ill.....	378	219	159	1.00	605	254
Ind.....	320	237	83	1.45	464	120
Kans.....	2,340	1,240	1,100	1.50	3,510	1,650
Ky.....	1,150	494	656	1.50	1,725	984
Md.....	3,670	2,142	1,428	1.90	6,763	2,713
Minh.....	988	415	573	2.55	2,519	1,461
Minn.....	52,630	9,455	43,075	1.60	84,048	68,920
Mo.....	298	258	38	1.55	459	59
Mont.....	55,490	13,315	42,165	1.70	94,316	71,681
Nebr.....	1,530	887	643	1.60	2,448	1,029
Nev.....	1,235	642	593	1.95	2,408	1,186
N.J.....	816	286	530	1.75	1,428	928
N. Mex.....	1,326	517	809	1.65	2,188	1,335
N.Y.....	440	229	211	1.50	660	317
N.C.....	2,200	1,408	792	1.80	3,960	1,426
N. Dak.....	98,670	24,667	74,003	1.60	157,872	118,405
Ohio.....	561	449	112	2.00	1,122	224
Okl.....	4,200	2,310	1,890	1.60	6,720	3,024
Oreg.....	8,930	1,161	7,769	1.90	16,967	14,761
Pa.....	6,250	4,312	1,938	2.10	13,125	4,070
S.C.....	840	403	437	1.70	1,428	743
S. Dak.....	26,880	13,171	13,709	1.70	45,696	23,365
Tenn.....	3,507	395	112	1.70	592	190
Tex.....	3,400	1,020	2,380	1.65	5,610	3,927
Utah.....	6,210	4,036	2,174	1.85	11,480	4,022
Va.....	4,048	2,712	1,336	1.85	7,489	2,472
Wash.....	9,450	1,606	7,844	1.85	17,483	14,511
W. Va.....	378	336	42	1.70	643	71
Wis.....	1,566	626	940	1.55	2,427	1,457
Wyo.....	7,315	1,829	5,486	2.15	15,727	11,795
U.S.....	415,803	113,932	301,871	1.80	746,199	544,362

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Table 61.—Barley: Price-support operations, United States, 1963-78

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1963.....	0.90	76	28.2	7.2	3.7	28.7
1964.....	.96	78	15.0	3.9	.3	19.5
1965.....	.96	77	16.5	4.2	1.8	10.8
1966.....	1.00	78	16.5	4.2	2.5	5.9
1967.....	.90	68	48.2	12.9	17.0	5.9
1968.....	.90	67	123.8	29.3	70.0	18.5
1969.....	1.03	73	52.5	12.4	5.6	18.1
1970.....	1.03	71	27.6	6.7	.9	28.9
1971.....	.81	53	88.9	19.2	.7	1.4
1972.....	1.15	73	41.7	9.9	.....	.6
1973.....	1.34	74	15.3	3.6	.....	.4
1974.....	1.13	54	6.9	2.3	.....	.....
1975.....	1.13	44	9.2	2.5	.....	.....
1976.....	1.28	45	18.7	8.0	.....	.....
1977.....	2.15	46	77.0	18.5	.....	.....
1978.....	2.26	.....	.....	.....	.....	.....

See footnotes on page 45.



Table 62.—Barley and malt: United States exports (domestic), by country of destination, 1975 and 1976<sup>1</sup>

Country of destination	Year 1			Country of destination	Year 1		
	1975	Transition quarter	1976		1975	Transition quarter	1976
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Barley:				Malt:			
Mexico.....	1,380	5	109	Canada.....	14	2	8
Belgium and Luxembourg.....	800	971	8,586	Mexico.....	128	.....	51
Germany, Fed. Rep. of.....	1,493	4,884	4,413	Costa Rica.....	3	.....	1
Italy.....	1,493	.....	4,413	Dominican Republic.....	168	40	248
Netherlands.....	138	.....	3,098	Jamaica.....	.....	.....	10
Poland.....	3,547	1,842	.....	Guyana.....	93	43	132
United Kingdom.....	.....	.....	8,845	Peru.....	.....	1	.....
Other Europe.....	2,582	2,769	9,553	Venezuela.....	240	62	485
Israel.....	.....	.....	3,026	Other Americas.....	17	2	1
Japan.....	974	1,265	13,340	Japan.....	319	39	761
Korea, Rep. of.....	73	.....	13,340	Other countries.....	12	8	4
Other countries.....	9,281	1,966	30,681				
World total 1.....	23,268	13,380	84,800	World total.....	994	197	1,699

<sup>1</sup> Year beginning July 1 in 1975; year beginning Oct. 1 in 1976; the transition quarter is July 1, 1976-Sept. 30, 1976.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
<b>North America:</b>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada.....	4,468	4,354	4,646	2.13	2.41	2.48	9,520	10,513	11,516
Mexico.....	279	329	335	1.47	1.46	1.45	410	480	495
United States.....	3,521	3,359	3,845	2.37	2.41	2.36	8,361	8,099	9,087
<b>Total.....</b>	<b>8,268</b>	<b>8,042</b>	<b>8,826</b>	<b>2.21</b>	<b>2.37</b>	<b>2.39</b>	<b>18,291</b>	<b>19,092</b>	<b>21,068</b>
<b>South America:</b>									
Argentina.....	439	476	500	1.19	1.60	1.40	523	760	700
Bolivia.....	81	112	112	.81	.71	.71	66	80	80
Brazil.....	26	83	94	.92	1.20	1.38	24	100	130
Chile.....	55	63	67	1.42	2.27	2.01	78	143	135
Colombia.....	75	57	66	1.89	1.11	1.70	119	63	112
Ecuador.....	67	65	62	.82	.88	.86	55	57	35
Peru.....	187	185	188	.90	.89	.90	168	165	170
Uruguay.....	44	44	44	.77	.91	.91	34	40	40
<b>Total.....</b>	<b>974</b>	<b>1,085</b>	<b>1,133</b>	<b>1.10</b>	<b>1.30</b>	<b>1.24</b>	<b>1,067</b>	<b>1,408</b>	<b>1,402</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	140	156	176	3.38	4.11	4.58	473	641	806
Denmark.....	1,443	1,478	1,491	3.67	3.23	3.97	5,156	4,788	5,920
France.....	2,782	2,752	2,899	3.40	3.62	3.58	9,344	8,319	10,319
Germany, Fed. Rep. of.....	1,756	1,735	1,791	3.97	3.74	4.21	6,971	6,487	7,549
Ireland.....	237	346	268	4.16	3.78	4.94	987	950	1,325
Italy.....	249	275	290	2.60	2.76	2.41	648	759	700
Netherlands.....	83	62	66	4.05	4.24	4.35	336	263	287
United Kingdom.....	2,358	2,182	2,411	3.61	3.51	4.51	8,513	7,648	10,870
<b>Total EC.....</b>	<b>9,018</b>	<b>8,886</b>	<b>9,392</b>	<b>3.60</b>	<b>3.36</b>	<b>4.02</b>	<b>32,428</b>	<b>29,816</b>	<b>37,776</b>
<b>Western Europe:</b>									
Austria.....	316	325	320	3.18	3.96	3.70	1,006	1,287	1,184
Finland.....	464	507	583	2.58	3.06	2.49	1,242	1,553	1,454
Greece.....	404	393	380	2.29	2.40	1.83	924	955	710
Malta-Gozo.....	2	2	2	1.50	1.50	1.50	3	3	3
Norway.....	180	173	173	2.81	2.81	3.39	451	486	586
Portugal.....	101	114	82	.83	.91	.40	85	104	21
Spain.....	3,262	3,240	3,158	2.06	1.69	2.07	6,728	5,473	6,552
Sweden.....	605	554	604	3.20	3.29	3.53	1,937	1,825	2,134
Switzerland.....	45	43	45	3.82	4.33	4.20	172	186	189
<b>Total Western Europe.....</b>	<b>14,397</b>	<b>14,242</b>	<b>14,718</b>	<b>3.12</b>	<b>2.93</b>	<b>3.44</b>	<b>44,977</b>	<b>41,688</b>	<b>50,609</b>

See footnotes at end of table.

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1975-77 —Continued

Continent and country	Area <sup>1</sup>			Yield per hectare			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania.....	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria.....	574	524	530	2.97	3.41	3.40	1,704	1,786	1,800
Czechoslovakia.....	980	857	900	3.18	3.39	3.72	3,114	2,901	3,350
German Dem. Rep.....	929	980	850	3.96	3.60	4.24	3,682	3,456	3,600
Hungary.....	257	229	224	2.72	3.26	3.15	699	747	706
Poland.....	1,335	1,210	1,238	2.73	2.99	2.91	3,638	3,617	3,600
Romania.....	442	410	430	2.15	3.00	3.78	952	1,231	1,626
Yugoslavia.....	360	293	320	1.95	2.23	2.09	703	653	670
Total Eastern Europe.....	4,887	4,493	4,499	2.97	3.21	3.41	14,502	14,401	15,362
Total Europe.....	19,284	18,735	19,217	3.08	2.99	3.43	59,479	56,089	65,971
Soviet Union (Europe and Asia).....	32,548	34,258	34,400	1.10	2.03	1.60	35,608	60,539	55,000
Africa:									
Algeria.....	600	600	600	.70	.70	.70	420	420	420
Egypt.....	42	44	-----	2.81	2.80	-----	118	123	125
Ethiopia.....	1,775	1,775	1,775	.85	.85	.85	1,500	1,500	1,500
Libya.....	160	160	160	.63	.63	.63	100	100	100
Morocco.....	1,819	2,117	2,310	.87	1.30	.42	1,585	2,781	981
South Africa.....	94	112	114	.54	.56	.55	51	63	63
Tunisia.....	340	350	300	.68	.77	.53	230	270	100
Total.....	4,830	5,158	5,289	.83	1.02	.63	4,004	5,237	3,289
Asia:									
Afghanistan.....	350	350	350	1.07	1.07	1.07	375	375	375
Bangladesh.....	26	26	26	.62	.62	.62	16	16	16
China, People's Rep. of.....	6,500	6,500	6,500	1.52	1.52	1.52	9,900	9,900	9,900
Cyprus.....	78	75	75	.93	.93	.93	70	70	70
India.....	2,885	2,902	2,218	1.09	1.14	1.04	3,135	3,192	2,296
Iran.....	1,400	1,350	1,400	.79	.85	.79	1,100	1,150	1,100
Iraq.....	567	650	650	.77	.92	.92	437	600	600
Israel.....	25	26	26	.84	.77	.77	21	20	20
Japan.....	78	80	78	2.83	2.63	2.64	221	210	206
Jordan.....	53	54	45	.23	.24	.27	12	13	12
Korea, Rep. of.....	711	711	516	2.39	2.47	1.58	1,700	1,759	814
Lebanon.....	10	9	9	1.40	1.44	1.44	14	13	13
Nepal.....	27	25	27	.96	.84	.96	26	21	26
Pakistan.....	194	186	182	.71	.66	.70	137	122	128
Saudi Arabia.....	26	26	26	1.35	1.35	1.35	35	35	35
Syria.....	1,011	1,172	300	.59	.90	.50	596	1,060	150
Turkey.....	2,600	2,635	2,650	1.73	1.86	1.92	4,500	4,900	5,100
Total.....	16,538	16,677	15,078	1.35	1.41	1.38	22,295	23,456	20,861
Oceania:									
Australia.....	2,329	2,320	2,968	1.37	1.23	.77	3,180	2,850	2,300
New Zealand.....	87	76	70	3.94	4.16	4.07	343	316	285
Total.....	2,416	2,396	3,038	1.46	1.32	.85	3,523	3,166	2,585
World total.....	84,858	86,351	86,951	1.70	2.06	1.96	144,467	177,987	170,176

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1977 and end early in 1978.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1963-77

Year	Wheat		Rye		Rice (milled) *		Corn					Oats		Barley		
	Total consumption <sup>1</sup>	Per capita consumption of food products		Total consumption <sup>1</sup>	Per capita consumption of rye flour	Total consumption <sup>1</sup>	Per capita consumption	Per capita consumption of food products					Total consumption <sup>1</sup>	Per capita consumption of oat food products	Total consumption <sup>1</sup>	Per capita consumption of barley food products <sup>1</sup>
		Flour <sup>2</sup>	Cereal					Meal	Cereal	Syrup	Sugar	Starch				
Million bushels	Pounds	Million bushels	Pounds	Million cwt.	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds	
1963.....	403	114	2.9	4.7	1.1	12.2	6.6	180	5.9	2.1	12.3	4.5	1.8	3.7	7	1.1
1964.....	501	114	2.9	4.8	1.1	13.2	7.1	188	6.2	2.1	13.6	4.4	1.8	4.5	7	1.1
1965.....	495	113	2.9	5.1	1.1	14.5	7.6	194	6.6	2.2	13.7	4.5	1.8	44	3.4	1.2
1966.....	499	112	2.9	5.3	1.2	14.1	7.3	196	6.9	2.2	14.0	4.6	1.8	44	3.4	1.2
1967.....	507	112	2.9	5.4	1.2	14.6	7.5	202	7.2	2.3	14.1	4.6	1.8	43	3.2	1.2
1968.....	510	112	2.9	5.8	1.3	15.4	7.9	210	7.4	2.3	14.8	4.7	1.9	43	3.2	1.2
1969.....	513	112	2.9	5.5	1.3	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	3.2	1.2
1970.....	510	110	2.9	5.2	1.2	12.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	3.2	1.2
1971.....	513	110	2.9	5.3	1.2	15.6	7.7	225	7.4	2.3	16.2	5.0	1.9	44	3.2	1.2
1972.....	517	109	2.9	4.9	1.1	14.8	7.0	240	7.4	2.3	18.7	4.8	1.9	45	3.2	1.2
1973.....	524	109	2.9	5.0	1.3	14.5	7.0	261	7.5	2.3	21.7	5.2	1.9	45	3.2	1.2
1974.....	517	106	2.9	5.0	1.3	15.9	7.6	280	7.6	2.3	25.0	5.3	1.9	46	3.2	1.2
1975.....	534	107	2.9	4.7	1.0	16.1	7.7	305	7.7	2.3	28.5	5.5	1.9	46	3.2	1.2
1976.....	554	111	2.9	3.8	0.9	15.3	7.2	330	7.7	2.3	32.0	5.5	1.9	46	3.2	1.2
1977.....	538	107	2.9	3.6	0.8	16.3	7.6	345	7.7	2.3	34.0	5.5	1.9	46	3.2	1.2

<sup>1</sup> Excludes quantities used in alcoholic beverages.<sup>2</sup> Wheat, rye, and oat flour.<sup>3</sup> Rice consumption for year 1963.<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.<sup>7</sup> Malt equivalent of barley food products.<sup>8</sup> Preliminary. Figures for syrup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.<sup>9</sup> Figures are estimates for year 1963.<sup>10</sup> Figures are estimates for year 1963.<sup>11</sup> Figures are estimates for year 1963.<sup>12</sup> Figures are estimates for year 1963.<sup>13</sup> Figures are estimates for year 1963.<sup>14</sup> Figures are estimates for year 1963.<sup>15</sup> Figures are estimates for year 1963.<sup>16</sup> Figures are estimates for year 1963.<sup>17</sup> Figures are estimates for year 1963.<sup>18</sup> Figures are estimates for year 1963.<sup>19</sup> Figures are estimates for year 1963.<sup>20</sup> Figures are estimates for year 1963.<sup>21</sup> Figures are estimates for year 1963.<sup>22</sup> Figures are estimates for year 1963.<sup>23</sup> Figures are estimates for year 1963.<sup>24</sup> Figures are estimates for year 1963.<sup>25</sup> Figures are estimates for year 1963.<sup>26</sup> Figures are estimates for year 1963.<sup>27</sup> Figures are estimates for year 1963.<sup>28</sup> Figures are estimates for year 1963.<sup>29</sup> Figures are estimates for year 1963.<sup>30</sup> Figures are estimates for year 1963.<sup>31</sup> Figures are estimates for year 1963.<sup>32</sup> Figures are estimates for year 1963.<sup>33</sup> Figures are estimates for year 1963.<sup>34</sup> Figures are estimates for year 1963.<sup>35</sup> Figures are estimates for year 1963.

Table 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1963-77

Year	Sorghum for grain <sup>1</sup>				Sorghum for silage							
	Area planted for all purposes <sup>2</sup>	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>3</sup>	Value of production	Area harvested	Yield per harvested acre	Production	Forage area harvested
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons <sup>4</sup>	1,000 tons	1,000 acres
1963	17,516	13,320	43.9	585,394	135,638	449,758	0.977	567,785	1,273	10.1	12,836	2,365
1964	16,770	11,742	41.7	590,796	106,315	385,481	1.05	511,988	1,500	9.40	11,249	2,809
1965	16,070	13,029	61.6	672,698	148,371	524,327	0.984	659,146	1,165	10.3	12,324	2,376
1966	16,372	12,813	55.8	714,962	133,440	581,522	1.02	729,294	1,089	10.9	11,851	2,904
1967	18,948	14,988	60.4	735,344	152,113	583,231	0.962	744,162	1,059	10.7	9,749	2,327
1968	17,793	13,890	62.6	731,277	139,681	591,596	0.949	690,608	1,068	10.9	9,749	2,494
1969	17,251	13,457	64.3	739,919	157,153	582,767	1.07	771,810	798	11.7	7,204	2,167
1970	16,957	13,468	49.4	683,179	139,146	544,033	1.04	770,323	840	10.9	10,968	2,675
1971	20,547	16,142	63.8	897,997	244,515	653,482	1.14	895,823	1,011	11.8	9,946	2,437
1972	18,972	15,700	60.7	801,350	165,109	636,241	1.37	1,096,062	840	11.8	9,946	2,437
1973	18,994	15,700	60.8	823,224	180,941	742,383	2.14	1,978,268	856	11.4	9,620	2,093
1974	17,588	13,509	45.1	622,721	162,819	459,902	2.14	1,721,927	745	9.8	7,279	2,140
1975	18,104	15,355	48.0	753,046	176,840	576,206	2.77	1,721,927	752	9.9	7,438	1,468
1976	18,104	14,723	48.9	719,817	206,487	513,330	2.03	1,480,083	772	9.3	7,168	1,583
1977 <sup>5</sup>	18,092	14,068	66.3	790,647	230,082	560,565	1.73	1,357,263	858	10.9	9,354	1,646

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup.<sup>2</sup> Includes both grain sorghum for grain and sweet sorghum for grain or seed.<sup>3</sup> Based on the reported price of grain sorghum. Includes allowance for unseasoned loans and purchases by the Government valued at the average loan and purchase rate, by State.<sup>4</sup> Preliminary.

Economic Statistics and Cooperative Service—Crop Reporting Board. Data for 1929-43 in Agricultural Statistics, 1972, tables 71 and 72.

Table 65.—Sorghum grain: Stocks on and off farms, United States, 1963-78

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963	177,636	101,716	50,667	34,816	846,514	725,258	643,767	619,811
1964	189,625	110,128	63,091	42,347	833,074	730,349	651,776	606,483
1965	184,259	98,010	61,565	47,442	797,589	669,893	595,677	518,093
1966	212,919	133,869	71,353	50,614	765,142	590,536	461,521	340,887
1967	234,170	133,178	81,981	44,414	586,572	393,312	253,553	190,486
1968	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,948
1969	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970	184,644	117,505	67,649	38,726	503,506	385,896	278,918	205,235
1971	151,511	87,822	35,555	13,322	459,086	368,081	141,300	77,140
1972	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974	217,060	113,602	54,576	18,086	426,818	366,742	123,533	43,145
1975	121,041	63,193	26,778	7,849	287,843	145,278	65,307	27,188
1976	163,935	83,728	49,622	15,927	309,600	164,321	104,060	37,466
1977	160,875	88,362	61,337	21,644	331,631	208,250	135,182	46,646
1978 <sup>3</sup>	220,358	140,845	-----	-----	397,096	271,851	-----	-----

<sup>1</sup> Beginning 1976, estimates are for June 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1972*, table 74.

Table 67.—Sorghum: Supply and disappearance, United States, 1963-77

Year beginning October	Supply				Disappearance						Ending stocks Sept. 30		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held <sup>1</sup>	Gov- ern- ment <sup>2</sup>	Total	
					Feed	Food, alcohol, and seed	Total						
Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	
1963	655	585	-----	1,240	471	13	484	107	591	62	587	649	
1964	649	490	-----	1,139	412	13	425	148	573	63	563	566	
1965	566	673	-----	1,239	569	13	582	266	848	161	230	391	
1966	391	715	-----	1,106	601	13	614	248	862	51	193	344	
1967	244	755	-----	999	531	13	544	166	710	97	192	289	
1968	289	731	-----	1,020	614	13	627	106	733	89	198	287	
1969	287	730	-----	1,017	638	9	647	126	773	88	156	244	
1970	244	683	-----	927	683	10	693	144	837	27	63	90	
1971	90	688	-----	958	684	9	693	123	816	103	39	142	
1972	142	801	-----	943	682	6	658	212	870	68	5	73	
1973	73	923	-----	996	694	7	701	234	935	61	0	61	
1974	61	623	-----	684	431	6	437	212	649	35	0	35	
1975	35	753	-----	788	502	6	508	229	737	51	0	51	
1976 <sup>3</sup>	51	720	-----	771	428	6	434	246	680	91	0	91	
1977 <sup>4</sup>	91	791	-----	882	-----	-----	-----	-----	-----	-----	-----	-----	

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-63 in *Agricultural Statistics, 1972*, table 78.

Table 68.—Sorghum: Area, yield, and production, by States, 1975-77

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	65	65	75	33	31	27	37.0	35.0	27.0	1,221	1,085	729
Ariz.	130	100	100	120	91	90	68.0	73.0	80.0	8,160	6,643	7,200
Ark.	230	340	285	200	310	252	49.0	50.0	52.0	9,800	18,500	13,104
Calif.	230	235	150	207	210	132	72.0	71.0	73.0	14,904	14,910	9,636
Colo.	510	505	470	290	289	273	26.0	28.0	31.0	7,540	7,232	8,463
Ga.	80	85	75	47	45	24	40.0	43.0	23.0	1,880	1,935	672
Ill.	80	85	60	60	67	64	68.0	59.0	64.0	4,080	3,553	4,096
Ind.	36	30	23	18	21	15	64.0	67.0	78.0	1,152	1,407	1,170
Iowa.	40	42	45	26	26	32	62.0	65.0	74.0	1,612	1,690	2,368
Kans.	4,100	4,700	4,850	3,430	3,950	4,050	42.0	43.0	60.0	144,060	169,850	243,000
Ky.	36	49	50	21	29	32	65.0	60.0	37.0	1,365	1,740	1,824
La.	36	45	35	19	28	20	32.0	35.0	33.0	608	980	660
Miss.	75	71	60	38	41	24	35.0	37.0	32.0	1,330	1,517	768
Mo.	625	740	950	530	660	840	53.0	60.0	73.0	28,090	39,600	61,320
Nebr.	2,100	2,300	2,400	1,900	2,100	2,130	55.0	57.0	71.0	104,500	119,700	151,230
N. Mex.	353	272	288	310	199	238	50.0	60.0	48.0	15,500	11,940	11,424
N.C.	115	125	110	85	90	72	51.0	51.0	37.0	4,335	4,590	2,684
Okl.	760	820	765	520	565	565	38.0	30.0	38.0	19,760	16,950	21,470
S.C.	30	30	29	17	15	12	35.0	34.0	16.0	595	510	192
S. Dak.	410	395	490	247	182	343	26.0	23.0	49.0	6,422	3,498	16,807
Tenn.	51	45	40	26	23	20	48.0	52.0	51.0	1,248	1,196	1,020
Tex.	8,000	7,300	5,600	7,300	5,800	4,800	52.0	56.5	45.0	374,400	292,900	230,400
Va.	22	23	24	11	11	10	44.0	45.0	43.0	484	473	430
U.S.	18,104	18,402	16,994	15,355	14,723	14,065	49.0	48.9	56.2	753,046	719,817	790,647

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1975-77

State	Silage									Forage area harvested		
	Area harvested			Yield per acre			Production					
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.	15	18	15	10.5	11.5	10.5	158	207	158	13	11	18
Ariz.	6	5	6	16.0	16.5	17.0	96	83	102	2	2	2
Ark.	14	13	17	10.5	9.5	10.5	147	124	179	11	10	11
Calif.	11	11	7	18.0	17.0	17.5	198	187	123	8	10	10
Colo.	23	21	21	7.0	11.0	7.0	161	231	147	157	168	146
Ga.	22	30	18	13.0	12.0	7.0	285	360	126	8	8	11
Ill.	14	10	11	12.0	11.5	12.5	168	115	138	5	7	8
Ind.	7	8	6	12.0	12.5	12.0	84	100	72			
Iowa	11	13	11	11.5	11.0	13.0	127	143	143	2	2	1
Kans.	260	290	300	9.0	8.6	12.5	2,340	2,494	3,750	310	340	430
Ky.	9	13	11	12.0	12.5	12.5	108	163	138	4	5	5
La.	12	11	9	10.0	10.0	11.0	120	110	99	4	5	5
Miss.	28	20	27	13.0	11.5	12.5	364	230	338	5	9	4
Mo.	31	30	40	10.5	9.5	11.0	326	285	440	51	35	50
Nebr.	90	80	110	9.5	7.5	11.5	855	600	1,265	60	60	90
N. Mex.	3	5	8	13.0	11.0	12.0	39	55	96	30	41	36
N.C.	24	25	22	12.0	11.5	8.0	288	288	176	4	7	12
Okl.	30	41	34	11.0	8.0	11.0	330	328	374	170	139	121
S.C.	9	12	11	10.0	9.0	6.5	90	108	72	2	2	3
S. Dak.	59	45	56	4.6	3.0	8.0	271	135	448	93	115	74
Tenn.	9	12	8	11.0	11.0	10.0	99	132	80	9	8	10
Tex.	56	50	100	12.0	12.0	8.0	672	600	800	616	900	600
Va.	9	9	10	11.0	10.0	9.0	99	90	90	1	2	2
U.S.	752	772	858	9.9	9.3	10.9	7,426	7,168	9,354	1,568	1,883	1,646

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 70.—Sorghum grain: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	729	576	153	1.88	1,371	288
Aris.....	7,200	720	6,480	2.13	15,336	13,802
Ark.....	13,104	2,621	10,483	1.62	21,228	16,982
Calif.....	9,636	964	8,672	2.35	22,645	20,379
Colo.....	8,463	2,288	6,175	1.62	13,710	10,008
Ga.....	672	511	161	2.04	1,371	328
Ill.....	4,096	2,212	1,884	1.62	6,636	3,052
Ind.....	1,170	550	620	1.62	1,895	1,004
Iowa.....	2,368	1,421	947	1.65	3,907	1,563
Kans.....	243,000	82,620	160,380	1.62	393,660	259,816
Ky.....	1,624	1,021	803	1.65	3,010	1,325
La.....	660	284	376	1.68	1,109	665
Miss.....	768	318	453	1.65	1,267	747
Mo.....	61,320	25,141	36,179	1.48	90,754	53,645
Nebr.....	151,230	31,758	119,472	1.65	249,520	197,129
N. Mex.....	11,424	2,056	9,368	1.88	21,477	17,612
N. C.....	2,664	959	1,705	1.82	4,848	3,103
Okl.....	21,470	7,085	14,385	1.79	38,431	25,749
S. C.....	192	154	38	1.85	355	70
S. Dak.....	16,807	8,067	8,740	1.46	24,538	12,760
Tenn.....	1,020	768	255	1.68	1,714	428
Tex.....	230,400	57,000	172,800	1.90	437,760	328,320
Va.....	430	357	43	1.65	710	71
U.S.....	790,647	230,052	560,595	1.73	1,357,262	968,746

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Table 71.—Sorghum grain: Price-support operations, United States, 1963-78

Year beginning October	Support price		Put under support *		Acquired by CCC under support program *	Owned by CCC Sept. 30
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1963.....	2.00	80	79.2	24.2	71.7	344.5
1964.....	2.00	82	46.4	16.9	42.0	302.1
1965.....	2.00	81	59.4	15.8	47.8	184.0
1966.....	2.05	80	15.5	3.9	.2	108.2
1967.....	2.14	83	36.6	8.6	5.6	107.8
1968.....	2.14	80	41.5	10.1	7.8	*110.6
1969.....	2.14	76	23.2	5.7	2.0	*87.8
1970.....	2.14	73	17.1	4.6	3.8	*35.1
1971.....	2.21	71	86.5	17.6	1.0	*21.9
1972.....	2.39	71	16.7	3.7	.....	*2.7
1973.....	2.61	66	10.4	2.0	.....	.....
1974.....	2.34	50	2.2	.6	.....	.....
1975.....	2.34	45	4.9	1.2	.....	.....
1976.....	2.66	48	11.8	1.6	.1	.....
1977.....	4.07	71	*115.0	*8.1	.....	.....
1978.....	*4.07	.....	.....	.....	.....	.....

<sup>1</sup> Includes price-support payments per hundredweight of 29 cents in 1963, 23 cents in 1964, 35 cents in 1965, 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; and, for 1977-78, \$3.39 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price.

<sup>2</sup> Percentage of parity price as of the beginning of the marketing year.

\* Represents loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>4</sup> Uncommitted CCC inventory.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1940-62 in *Agricultural Statistics, 1978*, table 78.



Table 72.—Sorghum grain: United States exports (domestic) by country of destination, 1975 and 1976 <sup>1</sup>

Country of destination	Year <sup>1</sup>			Country of destination	Year <sup>1</sup>		
	1975	Transition quarter	1976		1975	Transition quarter	1976
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Western Hemisphere:				Asia:			
Canada.....	139	12	57	India.....	23,009		
Mexico.....	10,335	93	26,856	Israel.....	24,277	7,846	29,214
Other countries.....	20,373	4,794	23,362	Japan.....	88,612	21,223	93,482
Total Americas.....	30,847	4,899	49,275	Other countries.....	6	835	1,601
Europe:				Total Asia and Oceania.....	135,904	29,714	124,277
Belgium and Luxembourg.....	18,768	3,708	12,908	Africa:			
Germany, Fed. Rep. of.....	4,821		6	Senegal.....	153		676
Netherlands.....	24,613	3,254	6,239	South Africa.....	12	20	10
Norway.....	6,057	991	7,842	Other countries.....	922	222	1,029
Poland.....	8,515	20,172	8,647	Total Africa.....	1,087	242	1,718
Other countries.....	8,397	6,378	46,498	World total.....	238,000	69,355	248,107
Total Europe.....	70,171	34,500	70,840				

<sup>1</sup> Year beginning July 1 in 1978; year beginning Oct. 1 1976; the transition quarter is July 1, 1976–Sept. 30, 1976.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 73.—Feed grains: United States exports under specified Government programs, 1963–76

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>2</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>3</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1963.....	993	3	145	32	35		1,208
1964.....	321	340	135	16	23	11	1,048
1965.....	1,440	364	160	12	34	8	2,018
1966.....	2,941	234	278	41	9	5	3,508
1967.....	1,105	490	95	15		1	1,706
1968.....	46	676	51	14		1	788
1969.....	91	978	125	4			1,198
1970.....	79	784	301	1			1,183
1971.....	90	1,123	174				1,387
1972.....	9	1,275	177				1,462
1973.....		379	452	14		115	960
1974.....		14	142	2			158
1975.....			56	6		148	210
( <sup>7</sup> ).....		(35)	(11)	(1)		(610)	(657)
1976.....		480	45	3		2,074	2,601

<sup>1</sup> Year beginning July 1 for 1963–75 and Oct. 1 for 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89–808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.

Table 74.—Commercial feeds: Disappearance for feed, United States, 1963-76

Year beginning October	Oilseed cake and meal						Animal proteins				
	Soy- bean	Cotton- seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk <sup>1</sup>	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1963	9,138	2,696	327	79	93	12,333	1,940	737	214	2,891	
1964	9,236	2,680	306	99	101	12,432	1,933	625	226	2,783	
1965	10,274	2,563	284	108	109	13,338	1,900	627	278	2,882	
1966	10,820	1,755	248	115	90	13,028	2,008	827	255	3,150	
1967	10,783	1,462	183	133	119	12,650	2,059	1,083	250	3,392	
1968	11,825	2,096	197	135	111	14,054	2,021	835	235	3,091	
1969	13,582	1,794	182	122	83	15,763	2,014	867	230	3,811	
1970	13,467	1,693	238	173	99	15,660	2,030	809	260	2,908	
1971	13,173	1,885	264	174	100	15,596	1,889	732	330	2,971	
1972	11,972	2,225	212	180	100	14,689	1,739	462	330	2,531	
1973	13,854	2,096	184	130	-----	16,264	1,854	350	315	2,519	
1974	12,552	1,846	95	151	-----	14,644	1,981	444	150	2,575	
1975	15,613	1,266	87	313	-----	17,379	2,001	508	162	2,671	
1976 <sup>2</sup>	14,056	1,556	129	203	-----	15,944	2,200	405	160	2,765	

Year beginning October	Mill products <sup>3</sup>								Total commercial feeds
	Wheat mill- feeds	Gluten feed and meal <sup>4</sup>	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>5</sup>	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963	5,051	1,240	373	276	382	1,203	1,322	9,847	25,071
1964	4,716	1,165	395	295	409	1,289	1,586	9,885	25,070
1965	4,612	1,135	395	304	426	1,153	1,652	9,877	25,877
1966	4,499	1,193	451	324	425	1,129	1,599	9,620	25,798
1967	4,490	1,053	476	336	447	1,130	1,550	9,482	25,524
1968	4,469	963	494	333	437	1,323	1,662	9,881	27,026
1969	4,833	1,000	490	361	428	1,075	1,545	10,132	28,706
1970	4,409	1,236	436	361	383	1,509	1,584	10,007	28,605
1971	4,364	1,067	479	360	404	1,570	1,568	9,821	28,385
1972	4,327	1,262	442	361	428	1,506	1,799	10,185	27,405
1973	4,332	1,361	467	348	458	1,375	1,550	9,891	28,674
1974	4,482	1,340	576	346	339	1,325	1,572	9,980	27,199
1975	4,667	1,490	547	321	400	1,660	1,552	10,837	30,787
1976 <sup>2</sup>	4,516	1,038	602	296	374	1,800	1,303	9,829	28,838

<sup>1</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.

<sup>2</sup> Preliminary.

<sup>3</sup> Other mill products that are not listed include screenings, hominy, and oats feeds, etc., for which no statistics are available.

<sup>4</sup> Adjusted for export data.

<sup>5</sup> Does not include wet sugarbeet pulp.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-82 in *Agricultural Statistics, 1972*, table 80.

Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1963-77

Year beginning October	Quantity for feeding <sup>1</sup>						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein (%)	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967 = 100
1963.....	9,138	11,818	11,856	3,783	1,136	16,545	100.4	330	91
1964.....	9,236	2,568	11,804	3,587	1,181	16,542	98.8	335	92
1965.....	* 10,274	* 2,415	12,689	3,577	1,238	17,504	100.0	350	103
1966.....	10,820	1,741	12,561	3,950	1,074	17,585	103.4	340	103
1967.....	10,753	1,487	12,240	4,200	1,006	17,536	102.9	341	99
1968.....	11,525	1,995	13,520	3,888	946	18,334	104.1	332	96
1969.....	13,582	1,729	15,311	3,444	976	19,731	105.2	375	105
1970.....	13,467	1,760	15,227	3,539	1,095	19,861	107.6	390	105
1971.....	13,173	1,920	15,093	3,616	1,008	19,717	107.2	368	117
1972.....	11,972	2,189	14,131	3,059	1,134	18,324	105.5	347	107
1973.....	13,854	1,945	15,799	3,012	1,202	20,013	104.1	384	197
1974.....	12,852	1,698	14,550	3,058	1,129	18,437	96.6	381	171
1975.....	15,613	1,391	17,004	3,185	1,238	21,427	101.3	423.0	193
1976 <sup>3</sup> .....	14,056	1,545	15,601	3,252	943	19,796	103.2	383.6	232
1977 <sup>4</sup> .....	15,900	1,835	17,735	3,239	935	21,909	106.7	410.7	-----

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.<sup>2</sup> Includes cottonseed, linseed, and peanut meal.<sup>3</sup> Beginning 1966, adjusted for exports of corn gluten feed and meal.<sup>4</sup> Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1952-62 in *Agricultural Statistics*, 1974, table 519.

Table 76.—Feed concentrates fed to livestock and poultry, 1963-77

Year beginning October	Feed grains				Wheat	Rye	By- product feeds <sup>1</sup>	Total concentrates	Grain- consuming animal units	Concen- trates fed per grain- consum- ing animal unit
	Corn	Sorghum	Oats and barley	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1963.....	84.3	13.2	18.9	116.4	1.4	0.3	30.2	148.3	76.0	1.95
1964.....	82.8	11.5	17.3	111.6	3.2	.3	30.2	145.3	74.3	1.96
1965.....	94.1	15.9	16.8	126.8	3.3	.3	31.1	161.5	74.4	2.17
1966.....	85.2	16.8	17.0	127.0	3.6	.3	31.2	162.1	77.2	2.10
1967.....	98.2	14.9	15.8	128.9	4.3	.3	31.1	164.6	77.1	2.13
1968.....	100.2	17.2	18.1	135.5	5.2	.3	32.9	173.9	78.4	2.22
1969.....	106.3	17.9	18.2	142.4	6.7	.3	34.7	184.1	78.5	2.35
1970.....	100.3	19.1	18.9	138.3	7.2	.4	34.5	180.1	80.0	2.25
1971.....	111.4	19.4	18.3	149.1	8.5	.5	34.0	192.1	80.3	2.40
1972.....	120.7	18.5	16.1	155.3	5.0	.5	33.3	194.1	79.4	2.44
1973.....	117.7	19.4	15.1	152.2	1.7	.3	34.4	188.6	78.5	2.40
1974.....	90.3	12.1	13.6	116.0	1.9	.3	32.5	150.6	69.8	2.16
1975.....	100.6	14.1	12.8	127.5	1.6	.2	36.7	166.0	75.0	2.21
1976 <sup>2</sup> .....	100.4	12.0	11.5	123.9	7.5	.1	34.3	165.8	76.2	2.17
1977 <sup>2</sup> .....	107.1	12.6	11.6	131.3	8.1	.3	36.2	172.9	78.3	2.22

<sup>1</sup> Oilseed meals, animal protein feeds, and mill byproducts.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1963-76

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs		
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>	
	Per head	Per 100 pounds milk pro- duced								
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1963.....	8,306	116	4,257	6,168	3,448	3,781	1,007	930	1,860	
1964.....	8,665	118	4,387	6,437	3,608	3,949	1,073	976	1,969	
1965.....	9,270	122	4,433	7,040	3,533	3,975	1,074	947	1,887	
1966.....	9,434	120	4,643	7,149	3,542	4,004	1,064	947	1,925	
1967.....	9,876	121	4,558	7,653	3,611	4,143	1,067	974	1,988	
1968.....	10,092	120	4,602	8,068	3,591	4,227	1,107	974	1,906	
1969.....	10,524	109	4,742	8,611	3,666	4,291	1,107	915	1,713	
1970.....	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731	
1971.....	11,370	112	4,859	9,198	3,637	4,391	1,147	1,008	1,848	
1972.....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993	
1973.....	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744	
1974.....	11,543	112	5,571	5,854	5,178	5,480	1,468	1,856	2,332	
1975.....	11,540	109	6,303	7,592	5,247	1,875	2,183	1,360	2,386	
1976 <sup>4</sup> .....	11,809	108	6,405	6,516	5,344	1,470	1,899	1,840	2,114	

Year beginning October	Poultry								Hogs per 100 pounds pro- duced	Horses and mules 2 years and over, per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head, Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds pro- duced	Per head	Per 100 pounds pro- duced		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1963.....	95	53	28	579	10.4	299	105	580	615	4,990
1964.....	92	53	29	594	9.8	282	102	566	610	5,139
1965.....	93	52	31	627	10.6	302	103	564	603	5,037
1966.....	93	55	30	619	10.8	305	100	539	602	5,040
1967.....	94	55	30	637	10.4	292	99	522	593	5,115
1968.....	96	56	31	630	9.8	273	99	523	596	4,904
1969.....	97	57	31	646	9.2	254	98	519	587	4,880
1970.....	96	57	31	646	9.4	257	96	510	572	4,880
1971.....	99	57	32	675	9.3	248	96	510	594	4,880
1972.....	99	57	32	672	9.1	245	95	511	540	4,867
1973.....	100	59	32	663	9.7	257	94	509	600	3,607
1974.....	100	57	26	540	10.1	268	82	453	530	3,592
1975.....	101	56	26	540	7.7	228	71	435	566	3,347
1976 <sup>4</sup> .....	105	58	35	542	8.7	236	70	371	584	3,678

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1.<sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.<sup>3</sup> About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1945-62 in *Agricultural Statistics, 1972*, table 534.

Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1963-77

Year beginning October	Concentrates <sup>1</sup>	Harvested roughage	Pasture	Total	Year beginning October	Concentrates <sup>1</sup>	Harvested roughage	Pasture	Total
	Million tons	Million tons	Million tons	Million tons		Million tons	Million tons	Million tons	Million tons
1963.....	160	71	145	376	1972.....	189	75	241	505
1964.....	157	73	154	383	1973.....	193	79	244	516
1965.....	160	76	249	485	1974.....	151	87	268	506
1966.....	155	77	248	480	1975.....	173	98	241	512
1967.....	161	78	242	481	1976 <sup>2</sup> .....	179	83	242	504
1968.....	169	79	233	481	1977 <sup>3</sup> .....	185	83	218	485
1969.....	182	75	227	484					
1970.....	178	76	238	492					
1971.....	184	74	238	496					

<sup>1</sup> Includes skim milk and seeds fed; excludes corn in silage. Data prior to 1965 not comparable.<sup>2</sup> Preliminary.<sup>3</sup> Estimated.Economics, Statistics, and Cooperatives Service—Economics. Data for 1945-63 in *Agricultural Statistics, 1978*, table 533.Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1963-77<sup>1</sup>

Year beginning October	Grain-consuming <sup>1</sup>	Roughage-consuming <sup>2</sup>	Grain and roughage-consuming <sup>3</sup>	Year beginning October	Grain-consuming <sup>1</sup>	Roughage-consuming <sup>2</sup>	Grain and roughage-consuming <sup>3</sup>
	1,000 units	1,000 units	1,000 units		1,000 units	1,000 units	1,000 units
1963.....	70,021	89,764	83,739	1971.....	80,183	91,073	88,935
1964.....	74,306	89,815	83,070	1972.....	79,443	93,248	87,982
1965.....	74,387	88,892	83,352	1973.....	78,447	99,462	91,429
1966.....	77,196	88,202	84,022	1974.....	69,766	87,607	87,520
1967.....	77,125	88,122	83,941	1975.....	75,015	98,610	89,098
1968.....	78,443	87,532	84,071	1976 <sup>4</sup> .....	76,197	95,313	87,521
1969.....	78,458	87,064	84,347	1977 <sup>5</sup> .....	78,346	90,459	85,351
1970.....	79,990	89,875	86,129				

<sup>1</sup> Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the *Livestock and Poultry Inventory*, published by Statistical Reporting Service, USDA.<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1962-63 in *Agricultural Statistics, 1974*, table 518.

# FEED GRAIN PRICES

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Table 80.—Feed grains: Average price, selected markets and grades, 1963-76

Crop year <sup>1</sup>	Kansas City				Minneapolis				St. Louis: Corn, No. 2 Yellow
	Corn, No. 3 Yellow	Corn, No. 3 White	Barley, No. 3	Sorghum, No. 2 Yellow	Corn, No. 3 Yellow	Barley, No. 3	Barley, No. 3 Malting	Oats, No. 2 White	
	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per cut.	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel
1963.....	1.237	1.32	1.042	2.01	1.13	1.091	1.178	0.645	1.28
1964.....	1.297	1.55	1.062	2.08	1.20	1.196	1.288	.680	1.34
1965.....	1.305	1.37	1.132	1.97	1.22	1.316	1.331	.664	1.37
1966.....	1.365	1.49	1.146	2.09	1.29	1.328	1.348	.725	1.41
1967.....	1.215	1.21	1.077	1.99	1.08	1.228	1.236	.702	1.16
1968.....	1.239	1.65	.852	2.00	1.14	1.167	1.183	.641	1.23
1969.....	1.333	1.75	.922	2.10	1.16	1.082	1.086	.632	1.33
1970.....	1.451	2.01	1.104	2.42	1.34	1.315	1.231	.709	1.45
1971.....	1.237	1.23	1.072	2.06	1.13	1.188	1.161	.675	1.21
1972.....	2.062	2.30	1.356	3.81	1.86	1.478	1.500	.845	1.89
1973.....	2.915	3.22	( <sup>2</sup> )	4.95	2.75	2.806	2.844	1.389	2.87
1974.....	3.200	4.69	( <sup>2</sup> )	5.41	3.21	3.842	4.063	1.739	3.07
1975.....	2.775	2.92	( <sup>2</sup> )	4.46	2.62	3.167	3.296	1.677	2.70
1976.....	2.387	2.96	( <sup>2</sup> )	3.49	2.13	2.948	2.981	1.729	2.25

  

Crop year <sup>1</sup>	Omaha: Corn, No. 2 Yellow	Chicago			Ft. Worth: <sup>3</sup> Sorghum, No. 2 Yellow	Los Angeles			Winnipeg: Barley, No. 3 Western
		Corn, No. 3 Yellow	Barley, feed	Oats, No. 2 White		Corn, No. 2 Yellow	Barley, No. 2 Western <sup>4</sup>	Sorghum, No. 2 Yellow	
	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per cut.	Dollars per bushel	Dollars per bushel	Dollars per cut.	Dollars per bushel
1963.....	1.13	2.14	0.988	0.70	2.29	1.632	1.201	2.47	1.074
1964.....	1.26	1.26	1.016	.72	2.39	1.646	1.310	2.58	1.170
1965.....	1.29	1.27	1.143	.75	2.27	1.618	1.344	2.45	1.201
1966.....	1.30	1.36	1.171	.77	2.40	1.602	1.239	2.56	1.251
1967.....	1.14	1.12	1.007	.76	2.27	1.501	1.210	2.45	1.132
1968.....	1.20	1.17	.779	.64	2.31	1.562	1.320	2.53	1.016
1969.....	1.28	1.25	.833	.62	2.43	1.618	1.282	2.64	.963
1970.....	1.44	1.44	1.080	.75	2.73	1.792	1.421	2.99	1.199
1971.....	1.22	1.18	.963	.70	2.51	1.708	1.488	2.82	1.046
1972.....	1.54	1.62	1.106	.89	3.75	2.391	1.762	4.16	1.515
1973.....	3.22	2.86	1.852	1.38	5.13	3.430	2.788	5.64	2.615
1974.....	3.69	3.23	1.980	1.68	5.62	3.660	3.129	6.12	3.225
1975.....	2.66	2.60	1.690	( <sup>2</sup> )	5.62	3.340	2.845	5.63	3.150
1976.....	2.15	2.45	( <sup>2</sup> )	( <sup>2</sup> )	3.66	2.860	2.610	4.68	2.690

<sup>1</sup> Crop year begins October for corn and sorghum, August for barley, and July for oats.

<sup>2</sup> No sales reported.

<sup>3</sup> Change to Texas High Plains September 1976.

<sup>4</sup> Bulk basis.

Economics, Statistics, and Cooperatives Service—Economics. Prices of corn and oats at Kansas City, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and sorghum at Kansas City and of barley at Chicago and Minneapolis are the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week.

Table 81.—Feedstuffs: Average price per ton, bulk, in wholesale lots, at leading markets, 1963-76

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Decatur	Decatur	Fort Worth	Mem- phis	Minne- apolis	Los Angeles	S.E. mills	Chicago	Chicago	Los Angeles	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	71.00	78.70	88.40	82.20	58.00	75.70	62.70	88.20	92.70	119.00	34.80
1964.....	70.20	79.20	83.20	80.80	61.90	77.10	67.70	83.90	87.70	140.60	37.70
1965.....	81.50	89.60	73.40	72.40	74.50	84.80	79.50	105.30	111.00	182.20	39.80
1966.....	78.80	86.30	81.30	77.50	74.40	80.80	82.50	94.00	98.10	129.00	45.70
1967.....	76.90	84.30	77.50	77.40	76.50	82.80	81.10	88.80	92.50	117.10	39.70
1968.....	74.10	82.80	67.60	65.20	75.40	76.70	80.00	91.60	94.90	132.20	40.20
1969.....	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970.....	78.50	84.30	81.60	72.30	62.50	80.00	77.70	95.50	99.60	145.50	45.00
1971.....	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972.....	229.00	253.40	145.70	161.20	150.20	-----	-----	252.50	298.40	333.50	70.40
1973.....	146.40	160.60	138.90	130.70	128.00	-----	-----	187.00	202.40	339.10	90.80
1974.....	130.90	141.25	127.60	119.00	126.70	-----	-----	129.30	149.30	245.60	86.00
1975.....	147.80	157.70	152.90	145.00	134.60	-----	-----	150.90	174.10	247.90	88.60
1976.....	199.80	218.70	179.50	173.60	156.90	-----	-----	207.40	220.70	231.10	81.80

  

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed  21% protein	Hominy feed	Distil- lers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967=100 <sup>1</sup>
	Minne- apolis	Kansas City	Port- land	Chicago	Chicago	Cincin- nati	Mil- waukee	Kansas City	Kansas City	New Orleans	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	35.30	36.50	38.80	40.70	44.00	57.90	37.90	42.20	38.00	25.60	91.1
1964.....	39.10	39.40	44.60	43.00	44.60	60.20	42.10	40.30	37.60	14.92	90.7
1965.....	41.90	42.00	47.70	47.40	44.20	59.90	46.00	49.70	40.00	19.90	103.6
1966.....	45.30	46.00	46.00	50.10	46.00	64.50	50.70	53.40	43.90	29.29	103.2
1967.....	39.80	39.70	41.80	44.90	39.00	52.70	45.90	39.10	37.20	28.60	97.3
1968.....	39.90	40.20	41.60	43.70	41.10	55.30	45.00	42.40	38.30	20.20	95.1
1969.....	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970.....	43.90	45.00	46.80	49.50	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971.....	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972.....	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	83.30	48.30	246.6
1973.....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974.....	84.00	85.80	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975.....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976.....	83.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	238.1

<sup>1</sup> Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, linseed, and peanut meals; bran, middlings, and millrun; gluten feed and meal; hominy feed; brewers and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service. Data for 1940-62 in *Agricultural Statistics, 1978*, table 83.



## CHAPTER II

### STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, and sugar, this chapter includes tables on fibers other than cotton, and sirups, honey, and beeswax. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Three tables have been discontinued in this chapter, as follows: (1) The upland cotton historical series of the grade index and average staple length, (2) jute and hard fibers world production and imports for consumption in the United States, and (3) cane and beet sugar production in the Philippines and the United States. Most of these data can be found in other tables in this chapter.

Table 82.—Cotton: Area, yield, production, and value, United States, 1963-77

Year	Area		Yield per harvested acre	Production	Season av- erage price per pound received by farmers <sup>1</sup>	Value of pro- duction
	Planted	Harvested				
	1,000 acres	1,000 acres	Lb.	1,000 bales <sup>2</sup>	Cents	1,000 dollars
1963.....	14,843	14,212	517	15,334	32.23	2,469,647
1964.....	14,835.6	14,054.6	517	15,144.9	31.97	2,358,491
1965.....	14,152.3	13,612.7	527	14,937.9	29.37	2,106,088
1966.....	10,349.4	9,552.6	480	9,556.8	21.75	997,467
1967.....	9,449.6	7,997.3	447	7,443.4	26.70	953,820
1968.....	10,912.9	10,129.3	516	10,925.7	23.11	1,212,021
1969.....	11,832.6	11,051.1	434	9,990.2	22.00	1,054,981
1970.....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971.....	12,354.9	11,470.9	438	10,477.0	25.23	1,419,624
1972.....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,980
1973.....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974.....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975.....	9,492.6	8,796.0	453	8,301.6	51.3	2,043,678
1976.....	11,655.5	10,913.5	465	10,580.6	64.1	3,254,954
1977 <sup>3</sup> .....	13,694.6	13,379.3	520	14,399.2	<sup>4</sup> 51.7	3,568,682

<sup>1</sup> Net weight price for 1964 to date; prior to 1964, gross weight price, including bagging and ties except that extra-long staple cotton is included in net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales from 1964 to date; prior to 1964, 500-pound gross weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average price to Apr. 1, 1978, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Production figures conform with The Bureau of the Census annual ginning enumerations. Data for 1929-62 in *Agricultural Statistics, 1978*, table 84.

Table 83.—Cotton: Area, yield, and production, by States, 1975-77

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>2</sup>		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Upland:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales	1,000 bales	1,000 - bales
Ala.....	400.0	490.0	420.0	370.0	420.0	395.0	405	399	337	312.0	349.0	277.0
Aris.....	269.0	341.0	517.0	268.0	340.0	515.0	1,027	1,178	967	873.0	834.0	1,070.0
Ark.....	700.0	1,125.0	950.0	680.0	950.0	930.0	485	392	534	687.0	776.0	1,035.0
Calif.....	900.0	1,130.0	1,400.0	875.0	1,120.0	1,390.0	1,072	1,064	964	1,954.0	2,482.0	2,790.0
Fla.....	4.0	7.4	6.2	3.7	7.1	6.1	346	514	425	2.7	7.8	5.4
Ga.....	165.0	255.0	230.0	160.0	240.0	170.0	443	398	222	148.0	199.0	82.0
Ky.....	6	1.8	9	6	1.3	8	237	236	420	.3	.7	.7
La.....	320.0	570.0	545.0	310.0	560.0	540.0	434	474	553	348.0	553.0	656.0
Miss.....	1,140.0	1,530.0	1,380.0	1,100.0	1,470.0	1,360.0	454	376	581	1,040.0	1,151.0	1,645.0
Mo.....	230.0	305.0	270.0	210.0	260.0	262.0	449	305	431	196.0	165.0	235.0
Nev.....	1.0	1.1	1.3	1.0	1.1	1.3	721	738	568	1.5	1.7	1.6
N. Mex.....	95.0	68.0	131.0	85.0	64.0	128.0	382	523	603	68.0	70.0	161.0
N.C.....	56.0	75.0	87.0	53.0	71.0	83.0	412	489	305	46.0	72.0	53.0
Okl.....	360.0	350.0	535.0	295.0	335.0	520.0	277	281	402	170.0	175.0	436.0
S.C.....	107.0	170.0	170.0	103.0	156.0	153.0	454	438	342	95.0	145.0	109.0
Tenn.....	335.0	420.0	325.0	315.0	370.0	300.0	339	295	407	222.0	225.0	255.0
Tex.....	4,350.0	4,800.0	6,650.0	3,900.0	4,500.0	6,450.0	293	353	407	2,382.0	3,707.0	5,465.0
Va.....	.8	.7	1.0	.8	.6	.7	344	480	194	.6	.6	.3
U.S. ....	9,423.4	11,610.0	13,619.4	8,730.1	10,869.1	13,204.9	453	464	519	8,247.1	10,516.6	14,277.0
American- Pima:												
Aris.....	30.1	30.3	42.4	29.8	30.0	42.3	612	804	738	38.0	50.3	65.0
Calif.....	.2	.1	.3	.1	.1	.3	480	640	269	.1	.1	.2
N. Mex.....	13.3	6.5	9.4	12.5	6.3	9.3	195	476	621	5.1	6.2	12.0
Tex.....	25.6	8.6	23.0	23.5	8.0	22.5	231	444	747	11.3	7.4	35.0
U.S. ....	69.2	45.5	75.1	65.9	44.4	74.4	397	692	724	54.5	64.0	112.2
U.S., all	9,492.6	11,655.5	13,694.5	8,796.0	10,913.5	13,279.3	453	465	520	8,301.6	10,580.6	14,389.2

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent 480-pound net weight bales ginned.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1970-77

State	Crop of—							
	1970	1971	1972	1973	1974	1975	1976	1977
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala.....	15	48	33	83	11	4	70	9
Aris.....	6	19	29	75	40	23	77	45
Ark.....	17	73	74	90	30	17	85	18
Calif.....	8	28	25	80	55	34	65	29
Ga.....	4	6	6	64	4	1	33	1
La.....	6	26	47	84	21	2	77	6
Miss.....	25	69	72	87	37	17	70	30
Mo.....	22	75	63	80	36	12	84	23
N. Mex.....	( <sup>1</sup> )	8	2	60	13	( <sup>1</sup> )	68	17
N.C.....	3	4	8	66	8	4	42	16
Okl.....	( <sup>1</sup> )	7	7	35	( <sup>1</sup> )	( <sup>1</sup> )	23	18
S.C.....	5	30	30	75	17	16	42	33
Tenn.....	2	30	44	84	17	1	65	2
Tex.....	7	39	13	69	7	1	26	18
U.S. ....	11	43	36	75	21	10	50	20

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1975-77

State	Production <sup>1</sup>			Price for crop of—			Value of production		
	1975	1976	1977 <sup>2</sup>	1975 <sup>3</sup>	1976 <sup>3</sup>	1977 <sup>4</sup>	1975 <sup>3</sup>	1976 <sup>3</sup>	1977 <sup>3</sup>
	1,000 bales	1,000 bales	1,000 bales	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Upland:									
Ala.	312.0	349.0	277.0	54.9	66.0	47.1	82,218	110,863	62,624
Aris.	573.0	824.0	1,070.0	53.1	64.2	56.4	146,046	257,005	289,670
Ark.	687.0	776.0	1,035.0	52.2	61.6	52.4	172,135	229,448	280,323
Calif.	1,954.0	2,482.0	2,790.0	54.5	67.9	54.7	511,166	808,933	732,542
Fla.	2.7	7.6	5.4	55.0	72.9	48.0	713	2,650	1,244
Ga.	148.0	199.0	82.0	55.5	66.7	49.8	39,427	63,712	19,801
Ky.	.3	.7	.7	50.5	63.8	48.0	73	213	161
La.	348.0	553.0	656.0	52.5	63.7	50.6	87,090	169,085	159,329
Miss.	1,040.0	1,151.0	1,945.0	52.5	61.4	52.0	263,090	339,775	419,592
Mo.	196.0	165.0	235.0	50.5	59.2	53.0	47,793	46,886	89,784
Nev.	1.5	1.7	1.6	55.0	70.0	57.0	396	871	438
N. Mex.	68.0	70.0	161.0	54.6	70.0	53.0	17,821	23,520	40,958
N.C.	46.0	72.0	53.0	54.5	74.0	50.5	12,034	25,574	12,947
Okl.	170.0	175.0	436.0	47.2	61.1	46.1	38,515	51,324	96,478
S.C.	98.0	148.0	109.0	53.9	66.4	53.1	28,355	46,214	27,782
Tenn.	222.0	328.0	285.0	51.3	63.5	48.0	55,721	69,494	55,732
Tex.	2,382.0	3,307.0	5,465.0	45.8	61.6	49.1	523,659	977,814	1,287,991
Va.	.6	.0	.3	60.0	72.0	43.0	173	207	62
U.S.	8,247.1	10,516.6	14,277.0	51.1	63.8	51.4	2,023,025	3,232,997	3,521,178
American-Pima:									
Ariz.	38.0	50.3	65.0	78.6	102.0	89.3	14,337	24,627	27,862
Calif.	.1	.1	.2	78.6	102.0	89.3	38	40	86
N. Mex.	5.1	6.2	12.0	80.5	105.0	91.0	1,971	3,125	5,242
Tex.	11.3	7.4	35.0	79.4	117.0	85.2	4,307	4,196	14,314
U.S.	54.5	64.0	112.2	78.9	104.0	88.2	20,653	31,957	47,604
U.S., all	8,301.6	10,580.6	14,389.2	51.3	64.1	51.7	2,043,678	3,264,954	3,568,682

<sup>1</sup> Equivalent 480-pound net weight bales ginned. <sup>2</sup> Preliminary. <sup>3</sup> Includes allowance for unredeemed loans. <sup>4</sup> Average price to Apr. 1, 1978, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 86.—Cotton, American upland: Price-support operations, United States, 1963-77

Year beginning August	Support price <sup>1,2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Cents	Percent	1,000 bales <sup>6</sup>	Percent	1,000 bales <sup>6</sup>	1,000 bales <sup>6</sup>
1963.	31.72	78	7,962	52.5	5,799	4,303
1964.	32.80	80	7,288	48.5	4,824	6,357
1965.	32.60	71	6,926	46.7	5,306	9,716
1966.	29.63	73	3,094	32.6	1,415	6,677
1967.	31.00	74	1,483	20.1	33	552
1968.	31.93		4,415	40.7	2,775	24
1969.	34.44		3,670	37.2	1,066	1,890
1970.	36.95		2,386	25.7	10	262
1971.	35.00		1,210	11.9	(7)	1
1972.	35.85	65	1,910	14.5	(7)	0
1973.	41.52	65	1,736	13.9	(7)	0
1974.	38.00		2,420	21.5	(7)	0
1975.	38.00		691	8.5	(7)	0
1976.	43.20		941	8.9	(7)	0
1977.	47.80		5,290	36.1	(7)	0

<sup>1</sup> Average of the crop from 1963 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 and succeeding years.

<sup>2</sup> Includes price-support payments as follows: To producers within domestic allotment, 3.50 cents per pound in 1964 and 4.35 cents in 1965; to program participants on projected production from farm's domestic allotment, 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup> Percentage of parity price as of the beginning of the marketing year. <sup>4</sup> Includes loans made. <sup>5</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. <sup>8</sup> Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1974, 1975, 1976, and 1977 crops. <sup>9</sup> Estimated.

Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 86.

Table 87.—Cotton: Area, yield, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area			Yield per acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>North America:</b>									
United States.....	8,796	10,914	13,259	453	465	525	8,302	10,581	14,496
El Salvador.....	185	206	242	708	780	694	273	322	330
Guatemala.....	208	283	301	1,062	1,113	997	460	610	625
Honduras.....	11	25	42	611	634	526	14	33	46
Mexico.....	580	608	951	746	793	765	902	1,005	1,515
Nicaragua.....	353	490	519	690	537	601	510	548	650
<b>Total<sup>4</sup>.....</b>	<b>10,209</b>	<b>12,574</b>	<b>15,394</b>	<b>493</b>	<b>501</b>	<b>532</b>	<b>10,480</b>	<b>13,120</b>	<b>17,715</b>
<b>South America:</b>									
Argentina.....	1,072	1,342	1,544	287	263	271	641	735	873
Brazil.....	4,485	4,917	4,608	194	247	249	1,815	2,326	2,388
Colombia.....	620	844	1,040	429	388	373	554	682	808
Ecuador.....	85	65	89	248	244	317	44	33	39
Paraguay.....	290	544	741	301	304	279	183	344	430
Peru.....	280	353	361	475	430	472	277	316	296
Venezuela.....	151	108	210	321	378	354	101	85	155
<b>Total<sup>4</sup>.....</b>	<b>7,029</b>	<b>8,259</b>	<b>8,582</b>	<b>249</b>	<b>279</b>	<b>283</b>	<b>3,653</b>	<b>4,794</b>	<b>5,054</b>
<b>Europe:</b>									
Greece.....	335	365	432	782	710	759	595	540	715
Italy.....	3	125	163	320	584	589	2	182	200
Spain.....	185	88	89	383	382	404	75	70	75
Bulgaria.....	94	88	89	383	382	404	75	70	75
Yugoslavia.....	15	15	15	288	288	288	9	9	9
<b>Total<sup>4</sup>.....</b>	<b>717</b>	<b>688</b>	<b>813</b>	<b>600</b>	<b>573</b>	<b>621</b>	<b>896</b>	<b>821</b>	<b>1,051</b>
<b>Soviet Union.....</b>	<b>7,220</b>	<b>7,390</b>	<b>7,363</b>	<b>771</b>	<b>790</b>	<b>828</b>	<b>11,600</b>	<b>12,000</b>	<b>12,700</b>
<b>Africa:</b>									
Angola.....	130	150	148	185	160	162	50	50	50
Cameroon.....	181	200	198	231	302	189	87	94	78
Central African Empire.....	250	334	346	106	99	96	55	69	69
Chad.....	740	750	741	188	159	143	290	248	220
Zaire.....	346	450	494	54	64	62	39	60	64
Kenya.....	175	185	185	69	65	65	25	25	25
Malawi.....	100	100	99	144	168	121	30	35	25
Morocco.....	43	30	30	201	320	240	18	20	15
Mozambique.....	238	335	358	117	117	123	58	82	92
Nigeria.....	900	900	870	149	197	163	280	370	295
Southern Rhodesia.....	225	220	222	395	382	378	185	175	175
South Africa.....	168	220	222	237	329	497	83	151	230
Sudan.....	1,012	1,075	1,198	213	313	301	480	700	750
Tanzania.....	575	925	927	167	166	140	200	320	270
Uganda.....	1,475	1,060	939	39	48	46	120	100	90
Egypt.....	1,400	1,300	1,557	602	672	566	1,755	1,820	1,837
<b>Total<sup>4</sup>.....</b>	<b>9,329</b>	<b>9,595</b>	<b>9,988</b>	<b>229</b>	<b>256</b>	<b>241</b>	<b>4,453</b>	<b>5,124</b>	<b>5,010</b>
<b>Asia and Oceania:</b>									
Afghanistan.....	200	200	198	552	672	606	230	280	250
Australia.....	73	90	86	756	699	893	115	131	160
Burma.....	475	525	524	76	73	73	75	80	80
China, People's Rep. of.....	12,000	12,100	11,984	440	428	437	11,000	10,800	10,900
India.....	18,400	16,900	18,058	138	139	141	5,300	4,900	5,300
Iran.....	720	740	741	423	467	518	635	720	800
Iraq.....	150	160	161	160	210	209	50	70	70
Israel.....	100	105	136	1,080	1,134	1,059	225	248	300
Korea, Rep. of.....	27	27	27	284	178	100	16	10	9
Pakistan.....	4,600	4,600	4,386	246	200	263	2,360	1,920	2,400
Yemen (Aden).....	50	50	49	355	384	392	37	40	40
Syria.....	514	450	457	679	763	719	727	718	685
Thailand.....	150	175	148	329	340	324	100	124	100
Turkey.....	1,655	1,435	1,977	640	731	632	2,205	2,185	2,605
<b>Total<sup>4</sup>.....</b>	<b>39,250</b>	<b>37,701</b>	<b>39,065</b>	<b>283</b>	<b>284</b>	<b>292</b>	<b>23,135</b>	<b>22,293</b>	<b>23,778</b>
<b>World total<sup>4</sup>.....</b>	<b>73,754</b>	<b>76,167</b>	<b>81,205</b>	<b>353</b>	<b>367</b>	<b>386</b>	<b>54,217</b>	<b>55,152</b>	<b>65,308</b>
<b>Foreign Free World<sup>4</sup>.....</b>	<b>45,494</b>	<b>45,550</b>	<b>48,347</b>	<b>245</b>	<b>260</b>	<b>269</b>	<b>23,175</b>	<b>24,626</b>	<b>27,060</b>
<b>Communist countries<sup>4</sup>.....</b>	<b>19,464</b>	<b>19,643</b>	<b>19,599</b>	<b>561</b>	<b>561</b>	<b>582</b>	<b>22,740</b>	<b>22,945</b>	<b>23,752</b>

See footnotes on page 65.

Table 88.—Cotton: Supply and distribution, United States, 1963-77

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season <sup>1</sup>	Im- ports <sup>2</sup>	Total supply	Consumption		Ex- ports <sup>3</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total		Foreign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1963.....	93	11,216	15,299	113	26,628	99	8,009	5,683	73	12,378
1964.....	72	12,378	15,246	89	27,713	89	9,171	4,060	67	14,291
1965.....	67	14,291	14,860	104	29,255	91	9,497	2,942	62	16,562
1966.....	62	16,862	9,859	76	26,797	87	9,485	4,069	58	12,533
1967.....	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968.....	46	6,448	11,030	66	17,544	76	8,242	2,731	31	6,821
1969.....	31	6,821	9,803	49	16,473	41	7,991	2,708	27	5,760
1970.....	27	5,760	10,289	35	16,065	31	8,068	3,740	15	4,252
1971.....	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972.....	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973.....	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974.....	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975.....	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976.....	48	3,594	10,398	38	14,027	35	6,478	4,565	13	2,920
1977 <sup>5</sup> .....	13	2,920								

<sup>1</sup> Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. <sup>2</sup> Total imports minus re-exports. <sup>3</sup> Total exports minus re-imports.

<sup>4</sup> Domestic in running bales, and foreign in equivalent bales of 500 pounds. <sup>5</sup> Preliminary.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 88.

Table 89.—Cotton: Mill consumption, by growths, United States, 1963-76

Year beginning August	Domestic			Foreign					All growths
	Upland <sup>1</sup>	American Pima	Total	Egyptian	Peruvian	Indian	Other	Total	
	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>
1963.....	8,384,199	70,965	8,455,164	49,661	19,178	( <sup>3</sup> )	29,914	98,753	8,583,917
1964.....	9,000,053	81,336	9,081,389	48,933	22,037	( <sup>3</sup> )	15,506	89,476	9,170,865
1965.....	9,337,728	67,687	9,405,415	47,319	( <sup>3</sup> )		18,201	25,863	9,496,796
1966.....	9,297,954	64,077	9,362,031	44,638	( <sup>3</sup> )		16,304	25,672	9,448,833
1967.....	8,923,673	52,571	8,976,244	55,962	( <sup>3</sup> )		19,281	20,569	9,071,126
1968.....	8,066,550	73,392	8,139,942	38,699	( <sup>3</sup> )		22,218	12,748	74,665
1969.....	7,837,622	86,154	7,923,776	13,988	( <sup>3</sup> )		15,765	11,113	40,866
1970.....	7,958,398	78,765	8,037,163	15,401	( <sup>3</sup> )		11,608	3,596	30,605
1971.....	7,904,112	68,708	7,972,820	18,416	( <sup>3</sup> )		12,430	6,049	36,993
1972.....	7,453,068	78,531	7,531,599	11,611	( <sup>3</sup> )		18,026	6,699	36,336
1973.....	7,047,307	69,894	7,117,101	12,905	( <sup>3</sup> )		16,534	3,347	32,786
1974.....	5,834,413	45,519	5,880,932	8,867	( <sup>3</sup> )		7,808	4,192	20,857
1975.....	6,867,407	74,137	6,941,544	12,317	( <sup>3</sup> )		9,966	702	22,988
1976.....	6,394,182	46,395	6,440,577	18,194	( <sup>3</sup> )		6,593	10,360	38,147

<sup>1</sup> Includes sea island cotton. <sup>2</sup> Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. <sup>3</sup> Not reported separately; shown under "Other."

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 89.

## FOOTNOTES FOR TABLE 87

<sup>1</sup> Harvest season beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480-pound net weight.

<sup>4</sup> Includes estimates for minor-producing countries not shown above and allowance for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1963-77

Year beginning August	White <sup>1</sup>				Light Spotted <sup>2</sup>				All spotted	Other colored <sup>3</sup>	All grades <sup>4</sup>
	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower				
	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>
Carryover:											
1963	778	2,397	2,033	874	869	2,103	1,340	441	180	11,908	
1964	890	2,747	2,080	788	857	2,063	1,561	842	153	12,110	
1965	868	2,787	3,001	1,102	802	2,249	1,673	1,152	294	14,018	
1966	445	1,963	2,418	1,314	766	3,772	3,828	1,857	302	18,568	
1967	244	1,412	1,934	865	464	2,685	2,637	1,999	300	12,270	
1968	128	876	1,290	486	146	1,107	900	1,002	221	6,246	
1969	122	1,237	2,192	843	36	652	767	374	124	6,347	
1970	105	1,127	1,977	738	66	676	815	144	87	6,535	
1971	87	867	1,461	500	76	592	434	129	37	4,183	
1972	35	628	981	448	18	121	464	351	90	5,180	
1973	33	297	1,131	821	6	115	611	468	281	3,983	
1974	31	529	1,287	656	15	500	490	134	45	3,887	
1975	28	527	2,166	1,090	13	312	997	208	73	5,414	
1976	25	525	1,176	761	4	176	551	227	68	3,513	
1977	27	315	949	555	3	160	412	280	80	2,781	
Ginnings:											
1963	919	3,782	4,462	1,637	221	1,989	1,576	256	287	15,129	
1964	886	3,124	4,880	2,109	98	1,471	1,885	531	366	15,032	
1965	319	2,791	4,321	2,359	73	1,094	2,362	386	351	14,947	
1966	126	1,460	2,797	920	33	1,060	1,911	826	249	9,491	
1967	91	1,378	2,580	680	33	973	1,080	389	186	7,370	
1968	117	1,763	4,315	1,600	25	1,012	1,626	329	151	10,838	
1969	84	1,416	3,905	1,422	6	498	1,908	371	280	9,860	
1970	47	1,448	3,510	1,881	5	912	1,833	314	105	10,055	
1971	34	1,291	3,499	1,738	5	418	2,422	580	176	10,163	
1972	25	1,078	4,469	3,384	3	481	2,621	699	416	13,176	
1973	90	2,232	5,048	2,112	5	958	1,797	213	88	12,533	
1974	23	1,370	4,532	2,517	3	390	2,045	355	105	11,240	
1975	40	1,470	2,845	1,379	4	435	1,568	374	83	8,068	
1976	25	1,402	4,168	1,301	6	587	1,664	917	214	10,284	
1977	134	2,691	4,992	1,832	22	1,379	2,366	319	88	13,923	
Supply: <sup>7</sup>											
1963	1,094	6,179	8,494	2,511	1,114	4,092	2,916	697	437	26,134	
1964	1,555	8,871	8,990	2,897	925	3,564	3,446	1,373	551	27,142	
1965	1,187	8,877	7,933	3,212	875	3,943	3,986	1,538	645	28,696	
1966	571	3,532	5,218	2,134	799	4,832	5,758	2,053	681	29,056	
1967	335	2,790	5,515	1,276	496	3,658	3,717	2,357	467	19,641	
1968	246	2,639	5,806	1,986	170	2,119	2,616	1,331	372	17,085	
1969	176	2,654	8,098	2,265	41	1,150	2,674	743	404	16,207	
1970	152	2,574	5,489	2,619	71	1,488	2,648	458	192	15,091	
1971	121	2,158	4,961	2,238	81	1,010	2,857	679	212	14,317	
1972	80	1,602	5,452	3,929	21	601	3,085	1,080	505	16,325	
1973	93	2,550	6,176	3,034	11	1,073	2,408	681	370	16,396	
1974	54	1,899	5,919	3,172	18	790	2,836	399	180	14,927	
1975	68	1,997	5,010	2,869	17	747	2,568	682	156	13,511	
1976	50	1,927	5,244	2,082	10	763	2,215	1,144	282	13,797	
1977	161	3,306	5,942	2,387	25	1,539	2,678	599	188	16,705	
Disappearance: <sup>8</sup>											
1963	708	3,432	4,414	1,723	287	1,999	1,355	-145	254	14,024	
1964	687	3,084	3,950	1,735	123	1,315	1,773	191	257	13,124	
1965	742	3,613	5,514	1,998	109	1,72	128	-319	343	12,300	
1966	327	3,120	3,282	1,538	336	2,147	3,101	684	251	13,786	
1967	307	1,916	3,222	790	351	2,580	2,727	1,386	246	13,594	
1968	124	1,402	3,413	1,143	135	1,467	1,849	957	248	10,738	
1969	71	1,527	4,121	1,527	-24	574	1,859	600	317	10,572	
1970	65	1,707	4,027	2,119	-5	896	2,314	329	155	11,507	
1971	66	1,634	3,978	1,063	63	890	2,302	328	123	11,167	
1972	47	1,305	4,322	3,007	15	486	2,474	582	224	12,463	
1973	62	2,021	4,889	2,378	-4	573	1,918	547	325	12,709	
1974	26	1,372	3,753	2,083	5	478	1,538	181	77	9,513	
1975	42	1,471	3,834	1,608	14	572	2,014	355	88	9,998	
1976	23	1,612	4,395	1,507	7	603	1,803	864	202	11,016	

<sup>1</sup> "Plus" grades of White included with straight grades. <sup>2</sup> Light Spotted included with Spotted prior to 1958. <sup>3</sup> Includes all grades of Tinged, Stained, Light Gray, and Below Grade. <sup>4</sup> U.S. Department of Commerce. <sup>5</sup> Running bales. <sup>6</sup> Preliminary. <sup>7</sup> Carryover at the beginning of the season, plus ginnings. <sup>8</sup> Supply minus carryover at the end of the season. <sup>9</sup> Negative disappearance reflected in total.

Agricultural Marketing Service. Data for 1949-62 in *Agricultural Statistics, 1978*, table 90.



Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1963-77

Year beginning August	$\frac{11}{32}$ inch and shorter <sup>1</sup>	$\frac{1}{8}$ and $\frac{9}{32}$ inch	$\frac{11}{32}$ and $\frac{1}{2}$ inch	1 and $\frac{1}{16}$ inches	$\frac{1}{16}$ and $\frac{1}{8}$ inches	$\frac{1}{8}$ and $\frac{1}{4}$ inches	$\frac{1}{4}$ and $\frac{3}{8}$ inches	$\frac{3}{8}$ and $\frac{1}{2}$ inches	$\frac{1}{2}$ inches and longer	All staple lengths <sup>2</sup>
<b>Carryover:</b>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>
1963.....	2	633	2,320	3,189	4,730	219	8	4	11,005	
1964.....	13	1,400	2,373	4,233	4,017	142	9	3	12,110	
1965.....	25	1,341	2,973	4,576	4,829	258	14	2	14,018	
1966.....	25	3,074	3,834	5,790	4,483	343	12	4	16,565	
1967.....	8	1,179	3,733	4,243	2,744	323	35	5	12,370	
1968.....	9	490	1,691	1,641	2,002	372	32	9	6,246	
1969.....	0	73	748	1,281	3,317	896	26	4	6,347	
1970.....	2	68	269	1,001	3,742	530	29	4	5,635	
1971.....	0	44	244	496	2,966	410	18	5	4,183	
1972.....	1	189	509	422	1,703	307	12	7	3,180	
1973.....	1	116	716	811	1,966	237	15	1	3,863	
1974.....	0	113	821	632	1,634	275	9	3	3,057	
1975.....	0	70	572	789	3,335	639	6	3	5,414	
1976.....	1	87	415	570	2,068	357	12	3	3,513	
1977.....	0	20	285	583	1,620	257	9	7	2,781	
<b>Ginnings:</b>										
1963.....	17	1,419	2,436	4,199	6,707	232	17	2	15,129	
1964.....	49	1,196	2,194	4,338	6,820	430	4	1	15,034	
1965.....	9	1,042	3,947	3,555	6,859	418	7	10	14,849	
1966.....	8	735	1,814	1,642	4,888	346	38	20	9,491	
1967.....	2	382	1,321	1,109	3,807	672	51	26	7,370	
1968.....	1	126	1,509	1,707	5,676	1,771	38	10	10,838	
1969.....	7	549	1,128	1,690	5,894	678	13	1	9,860	
1970.....	2	398	1,634	1,541	5,773	707	7	5	10,055	
1971.....	7	398	1,440	843	5,855	1,568	21	1	10,133	
1972.....	0	168	1,960	2,464	7,556	993	5	0	13,176	
1973.....	2	273	2,743	1,945	6,811	758	1	0	12,833	
1974.....	1	82	1,106	1,126	7,510	1,403	8	2	11,240	
1975.....	4	356	1,314	905	4,406	1,021	1	1	8,098	
1976.....	1	56	1,551	1,950	5,477	1,214	3	2	10,284	
1977.....	0	65	2,239	3,060	6,996	1,354	4	5	13,923	
<b>Supply:</b> <sup>4</sup>										
1963.....	20	2,053	4,656	7,388	11,435	552	25	5	26,134	
1964.....	63	2,596	4,467	8,591	10,837	572	13	4	27,142	
1965.....	35	2,383	5,920	8,132	11,688	676	20	12	26,866	
1966.....	33	2,808	5,647	7,433	9,373	689	51	23	26,056	
1967.....	10	1,561	5,055	6,353	6,550	995	88	31	19,641	
1968.....	9	615	3,200	3,248	7,680	2,143	70	20	17,063	
1969.....	8	622	1,875	2,871	9,211	1,576	39	5	16,207	
1970.....	3	444	1,903	2,542	9,515	1,238	37	9	15,691	
1971.....	8	442	1,684	1,539	8,822	1,978	38	6	14,317	
1972.....	1	357	2,409	2,587	9,257	1,306	17	7	16,325	
1973.....	4	389	3,459	2,736	8,776	995	16	1	16,396	
1974.....	1	195	1,029	1,958	9,144	1,678	17	5	14,927	
1975.....	4	427	1,887	1,694	7,828	1,690	7	4	13,511	
1976.....	2	173	1,966	2,520	7,545	1,571	15	5	13,797	
1977.....	0	85	2,524	3,643	8,617	1,811	13	12	16,705	
<b>Disappearance:</b> <sup>5</sup>										
1963.....	7	652	2,383	3,135	7,419	410	16	2	14,024	
1964.....	37	1,255	1,494	4,015	6,006	314	-1	2	13,124	
1965.....	10	310	2,057	2,540	7,303	332	8	9	12,300	
1966.....	24	1,629	1,914	3,189	6,829	367	16	18	13,756	
1967.....	1	1,071	3,364	3,712	4,547	623	54	22	13,394	
1968.....	9	542	2,482	2,067	4,363	1,245	44	16	10,738	
1969.....	6	564	1,607	1,870	5,468	1,046	10	1	10,572	
1970.....	3	400	1,659	2,047	6,547	828	19	4	11,607	
1971.....	7	253	1,175	916	7,118	1,672	26	0	11,167	
1972.....	0	241	1,763	2,075	7,291	1,063	3	6	12,462	
1973.....	4	276	2,638	1,924	7,142	720	7	-2	12,709	
1974.....	1	123	1,357	1,169	5,899	1,039	1	2	9,513	
1975.....	3	340	1,472	1,124	5,758	1,304	-4	1	9,998	
1976.....	2	153	1,681	1,937	5,925	1,314	6	-2	11,016	

<sup>1</sup> Includes "no staple" and "perished staple."<sup>2</sup> U.S. Department of Commerce.<sup>3</sup> Running bales.<sup>4</sup> Preliminary.<sup>5</sup> Carryover at the beginning of the season, plus ginnings.<sup>6</sup> Supply minus carryover at the end of the season.<sup>7</sup> Negative disappearance reflected in total.Agricultural Marketing Service. Data for 1949-62 in *Agricultural Statistics, 1978*, table 91.



Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1963-77

Year beginning August	Grade					Staple length (inches)					All grades and all lengths ( <sup>1</sup> )
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 <sup>1</sup> / <sub>16</sub> and shorter	1 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub> and longer	
Carryover:	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1963.....	30.8	71.8	11.0	2.7	1.4	2.0	32.4	69.8	13.1	0.4	117.7
1964.....	25.9	144.1	17.1	6.0	2.6	15.5	151.4	24.0	4.8	( <sup>3</sup> )	195.7
1965.....	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	1.4	.5	205.1
1966.....	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	( <sup>3</sup> )	235.5
1967.....	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	.2	205.1
1968.....	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	155.8
1969.....	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	( <sup>3</sup> )	142.5
1970.....	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	.1	97.7
1971.....	6.1	32.0	12.3	3.0	.2	1.4	43.3	8.0	.8	.1	53.6
1972.....	2.2	42.9	12.0	2.9	.5	3.3	45.3	10.6	.3	-----	60.5
1973.....	4.6	25.3	15.2	4.0	.4	3.0	40.9	7.8	.1	.7	52.5
1974.....	3.6	31.8	5.3	3.1	1.1	3.1	38.0	3.7	.1	-----	44.9
1975.....	1.3	35.2	9.9	3.0	.8	3.6	41.7	4.8	.1	-----	50.2
1976.....	1.6	19.5	8.8	2.1	.3	.6	26.1	5.0	-----	.6	32.3
1977 <sup>4</sup> .....	3.4	31.5	4.0	1.0	.4	.4	37.1	12.4	.4	-----	40.3
Ginnings:	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1963.....	16.2	113.5	20.2	8.6	2.7	18.8	139.1	3.3	( <sup>3</sup> )	-----	161.2
1964.....	25.0	77.5	7.6	4.3	2.1	12.7	101.0	2.8	( <sup>3</sup> )	-----	116.5
1965.....	11.3	56.9	13.4	2.6	1.1	7.9	74.5	2.9	-----	-----	85.3
1966.....	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	-----	-----	71.2
1967.....	8.2	46.7	8.9	2.7	1.8	5.5	56.0	12.8	-----	-----	68.3
1968.....	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	-----	-----	78.2
1969.....	4.4	45.6	21.5	3.8	1.5	4.3	60.6	11.9	-----	-----	76.8
1970.....	2.6	45.0	8.4	2.4	.7	4.0	40.0	13.1	-----	-----	57.1
1971.....	.9	71.5	16.1	4.1	3.3	8.1	69.8	18.0	-----	-----	95.9
1972.....	.2	41.5	44.4	5.5	2.3	6.0	84.5	3.4	-----	-----	93.9
1973.....	2.2	63.0	6.0	5.4	1.5	7.2	67.5	3.4	-----	-----	78.1
1974.....	( <sup>3</sup> )	57.7	27.2	3.3	.5	3.5	74.5	10.7	-----	-----	88.7
1975.....	1.5	43.5	5.5	2.1	.5	2.9	44.5	6.3	-----	-----	53.7
1976.....	1.2	51.4	9.0	1.1	.3	1.3	35.1	23.6	-----	-----	63.0
1977 <sup>4</sup> .....	.1	55.2	20.5	2.5	.5	1.8	50.1	56.9	-----	-----	106.8

<sup>1</sup> U.S. Department of Commerce. Totals include small quantities of sea land and sea island cotton.<sup>2</sup> Running bales.<sup>3</sup> Less than 50 bales.<sup>4</sup> Preliminary.Agricultural Marketing Service. Data for 1940-62 in *Agricultural Statistics, 1978*, table 92.

Table 93.—Cotton, upland: Grade index and average staple length of upland cotton ginned, by States, 1972-77

State	Grade index <sup>1</sup>						Average staple length (32ds of an inch) <sup>2</sup>					
	1972	1973	1974	1975	1976	1977 <sup>3</sup>	1972	1973	1974	1975	1976	1977 <sup>3</sup>
Ala.....	88.1	89.5	90.1	89.0	90.0	86.3	33.6	33.6	34.2	33.7	33.8	33.6
Aris.....	90.4	96.5	92.4	96.3	94.0	83.3	34.1	34.6	34.7	34.7	34.7	34.6
Ark.....	88.8	91.1	90.6	92.1	92.9	89.6	34.2	34.3	34.9	34.7	34.2	34.8
Calif.....	94.3	96.1	95.2	96.9	94.8	96.9	35.3	35.3	35.3	35.4	35.3	35.3
Fla.....	90.3	88.3	88.9	87.3	.....	.....	33.9	34.0	34.1	34.0	.....	.....
Ga.....	89.2	88.0	86.2	85.8	87.5	86.6	33.8	34.1	34.0	34.0	34.6	34.0
La.....	90.6	90.3	90.6	92.3	93.8	92.3	34.1	34.2	34.6	34.7	34.1	34.7
Miss.....	89.5	89.9	89.2	88.7	91.4	88.0	34.4	34.4	34.7	34.7	34.1	34.8
Mo.....	88.4	92.2	91.1	91.6	91.6	88.2	34.0	34.1	35.1	34.6	34.3	34.4
N. Mex.....	91.0	96.5	91.7	95.3	92.8	94.5	35.2	34.8	35.9	35.2	35.3	35.6
N.C.....	88.0	88.7	87.6	85.2	90.0	87.1	34.6	34.8	35.4	34.6	35.3	34.9
Okl.....	88.2	91.6	87.2	86.6	88.1	88.9	31.6	31.7	31.9	31.9	31.2	32.5
S.C.....	87.9	88.1	88.4	86.7	90.0	88.5	34.7	34.8	35.0	34.6	35.1	34.6
Tenn.....	89.0	91.5	89.6	90.1	90.6	87.4	33.8	33.8	34.4	34.1	33.6	33.6
Tex.....	87.1	92.8	88.3	89.3	88.3	94.7	31.7	31.3	32.1	31.0	31.8	31.9
All other.....	92.7	93.0	89.7	94.0	92.8	90.8	35.0	35.3	35.1	35.0	34.5	34.6
U.S.....	89.2	92.3	90.8	91.8	91.4	93.1	33.5	33.3	34.2	33.6	33.7	33.7

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 10/16-inch staple. Converted to an index with Middling White equaling 100. <sup>2</sup> Preliminary. <sup>3</sup> Average calculated on numerical equivalents of the staple-length designations. For example, 7/8-inch = 28, 9/16-inch = 29, etc.

Agricultural Marketing Service.

Table 94.—Cotton: International trade, 1971-76 <sup>1</sup>

Country	1971	1972	1973	1974	1975	1976 <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Principal exporting countries:						
Mexico.....	944	940	767	891	536	480
Nicaragua.....	416	416	506	606	520	560
United States.....	3,385	5,311	6,123	3,926	3,311	4,784
Brazil.....	1,409	1,333	661	269	356	54
Peru.....	255	156	237	158	171	137
Greece.....	327	266	225	109	170	74
Soviet Union.....	2,800	3,200	3,350	3,550	3,880	4,000
Iran.....	437	603	445	502	642	350
Pakistan.....	1,151	822	196	1,060	418	65
Syria.....	646	557	583	365	467	675
Turkey.....	1,539	1,480	1,000	583	2,163	580
Egypt.....	1,266	1,387	1,199	678	775	1,600
Sudan.....	990	1,090	729	570	1,000	600
Tanzania.....	184	298	287	240	181	265
Uganda.....	270	299	299	116	193	62
Zaire.....	32	31	10	7	0	0
Total.....	16,051	18,198	16,507	13,850	14,693	13,686
Principal importing countries:						
Canada.....	354	327	320	225	254	215
Austria.....	103	109	101	89	102	105
Belgium.....	279	325	179	207	171	147
France.....	1,078	1,175	1,063	995	1,111	956
Germany, Fed. Rep. of.....	1,105	1,194	908	1,080	1,040	887
Italy.....	908	906	931	774	886	875
Netherlands.....	218	231	199	168	155	140
Poland.....	684	706	628	723	695	718
Portugal.....	498	642	560	400	489	434
Spain.....	441	387	273	331	424	396
Sweden.....	31	42	38	48	32	22
Switzerland.....	196	228	192	170	215	200
United Kingdom.....	591	764	500	477	582	461
Hong Kong.....	603	717	832	787	1,321	994
India.....	577	428	156	60	200	736
Japan.....	3,555	3,883	3,725	3,228	3,320	3,037
Total.....	11,221	12,066	10,668	9,742	10,997	10,323

<sup>1</sup> Crop year beginning Aug. 1. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 95.—Cotton: United States exports, by country of destination, 1974-76

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1974	1975	1976		1974	1975	1976
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>		1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
Austria.....	1	1	( <sup>2</sup> )	Australia.....	5	1	1
Belgium and Luxembourg.....	43	12	16	Canada.....	166	135	194
Denmark.....	0	0	1	Chile.....	1	( <sup>2</sup> )	11
Finland.....	23	4	14	Colombia.....	( <sup>2</sup> )	( <sup>2</sup> )	0
France.....	68	23	47	Cuba.....	( <sup>2</sup> )	0	0
Germany, Fed. Rep. of.....	54	11	37	Ethiopia.....	( <sup>2</sup> )	0	0
Italy.....	102	54	88	Hong Kong.....	77	132	379
Netherlands.....	20	3	12	India.....	0	0	287
Norway.....	7	6	3	Indonesia.....	75	244	200
Poland.....	24	34	9	Israel.....	( <sup>2</sup> )	1	( <sup>2</sup> )
Portugal.....	62	5	67	Japan.....	998	672	102
Spain.....	60	18	90	Korea, Rep. of.....	662	939	959
Sweden.....	36	21	17	Pakistan.....	1	2	3
Switzerland.....	61	30	80	Philippines.....	118	111	92
United Kingdom.....	40	11	69	South Africa.....	5	6	8
Yugoslavia.....	0	0	0	China, Rep. of.....	396	522	376
Other Europe.....	101	9	64	Thailand.....	111	74	174
				Uruguay.....	0	0	0
Total Europe.....	701	242	614	Other countries.....	581	236	1,385
				Total.....	3,926	3,311	4,784

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1974-76

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1974	1975	1976		1974	1975	1976
	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>		Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>
Cotton, raw:				Cotton linters:			
Egypt.....	449	4,568	3,062	El Salvador.....	0	1,819	343
India.....	1,164	14,815	595	Guatemala.....	0	6,178	7,120
Mexico.....	19,085	19,472	18,505	Mexico.....	27,943	16,580	31,763
Pakistan.....	3,435	498	161	Nicaragua.....	310	2,468	5,273
Peru.....	2,400	6,164	10,144	Soviet Union.....	0	1	0
Other countries.....	7,142	46,361	5,469	Other countries.....	0	926	31,426
Total.....	33,676	91,908	37,936	Total.....	28,253	27,972	75,925

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 95

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 96

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1963-77

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963	0.8	2.5	5.1	4.0	80.0	6.0	1.6
1964	.8	1.9	4.9	4.5	76.8	7.9	3.2
1965	1.7	4.0	6.4	4.3	73.8	7.5	2.3
1966	2.2	4.5	6.6	4.2	66.7	10.9	4.9
1967	2.4	6.1	9.8	8.5	69.6	4.6	1.0
1968	1.1	3.3	6.2	4.4	76.5	7.0	1.5
1969	.8	1.5	3.0	2.5	76.9	11.5	3.8
1970	.3	1.1	2.9	2.8	85.7	7.5	1.7
1971	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974	2.6	3.7	5.4	4.0	76.6	6.1	1.7
1975	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976	1.3	2.8	5.0	4.5	77.2	7.0	2.3
1977 <sup>1</sup>	.1	.6	1.9	2.2	80.3	11.4	3.5

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1 1/16-inch staple, 1963-76<sup>1</sup>

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
1963	Cents 34.68	Cents 32.89	Cents 30.79	Cents 28.54	Cents 32.73	Cents 30.81	Cents 28.84	Cents 28.97	Cents 28.55
1964	32.40	30.66	28.58	26.29	30.54	28.59	26.58	27.69	26.22
1965	31.46	29.50	27.32	25.01	29.26	27.31	25.31	26.54	24.99
1966	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59
1967	30.00	28.75	26.65	21.51	28.33	25.52	21.77	22.83	20.75
1968	26.93	24.82	21.65	18.12	24.34	21.80	18.56	20.15	18.10
1969	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35
1970	25.66	24.32	22.69	21.06	24.38	22.63	21.44	22.14	21.33
1971 <sup>1</sup>	33.91	32.95	31.65	29.54	32.88	31.50	29.69	30.37	29.26
1972	37.86	35.59	32.81	27.68	35.45	32.28	28.08	29.77	27.91
1973	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12

See footnotes on page 70.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1963-76<sup>1</sup>

Year beginning August	3/8 inch	7/16 inch	11/16 inch	13/16 inch	1 inch	1 1/16 inches	1 1/8 inches	1 1/4 inches
1963	Cents 29.59	Cents 30.02	Cents 30.43	Cents 30.93	Cents 31.68	Cents 32.30	Cents 32.90	Cents 33.13
1964	27.16	27.61	28.03	28.52	29.15	30.00	30.66	31.08
1965	28.95	26.41	26.81	27.29	27.94	28.74	29.50	30.03
1966	17.89	18.32	18.76	19.24	20.25	21.46	22.82	23.83
1967	17.91	18.38	19.10	20.48	22.97	26.57	28.76	29.48
1968	17.47	18.00	18.78	19.66	20.73	22.81	24.82	25.03
1969	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 <sup>1</sup>	29.21	29.61	29.96	30.29	30.79	31.97	32.96	33.16
1972	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973	48.50	49.69	51.27	53.95	57.17	64.59	67.10	67.81
1974	33.22	34.17	35.82	36.91	38.06	40.02	41.69	41.89
1975	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.18
1976	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.08

See footnotes on page 70.

Table 100.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1963-76 <sup>1</sup>

Season beginning August	Middling 1-inch			Season beginning August	Middling 1-inch <sup>2</sup>		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1963.....	33.18	33.42	31.78	1970.....	23.55	25.45	22.54
1964.....	30.73	31.71	30.27	1971 <sup>3</sup> .....	31.52	35.78	26.56
1965.....	29.60	30.27	29.41	1972.....	33.14	40.92	24.74
1966.....	22.08	22.65	21.82	1973.....	67.10	84.48	51.69
1967.....	24.53	27.13	22.64	1974.....	41.69	53.42	34.93
1968.....	22.90	26.11	21.57	1975.....	57.99	86.84	46.74
1969.....	22.15	23.01	21.39	1976.....	70.88	79.36	55.21

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Base quality changed to "Strict Low Middling 1<sup>1</sup>/<sub>16</sub> inches" in 1973.<sup>3</sup> Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.Agricultural Marketing Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 101.Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1971-76 <sup>1</sup>

Market	Middling 1 inch		Strict Low Middling 1 <sup>1</sup> / <sub>16</sub> inches <sup>2</sup>			
	1971 <sup>3</sup>	1972	1973	1974	1975	1976
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville.....	31.80	33.38	68.06	42.80	36.19	71.85
Augusta.....	32.19	35.02	68.63	43.63	60.22	72.70
Atlanta.....	32.00	36.04	68.63			
Montgomery.....	31.96	35.30	68.44	42.45	58.95	71.54
Little Rock.....	31.40	33.75				
Memphis.....	31.72	32.45	68.01	41.86	58.48	71.28
Greenwood.....	31.65	33.37	68.06	42.20	58.54	71.21
Dallas.....	31.09	31.31	63.75	40.31	55.84	69.43
Houston.....	31.41	31.38	64.57	41.70	57.65	70.94
Lubbock.....	31.34	32.40	61.87	38.90	55.06	67.79
Phoenix.....	30.67	32.33	66.26	40.52	57.20	70.12
Fresno.....	30.68	32.19	71.54	42.53	58.72	71.63
Average.....	31.52	33.14	67.10	41.69	57.99	70.88

<sup>1</sup> Year beginning August. Average of monthly averages.<sup>2</sup> Net weight basis beginning 1971. Prices published for upland cotton prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.<sup>3</sup> Base quality changed to "Strict Low Middling 1<sup>1</sup>/<sub>16</sub> inches" in 1973.

Agricultural Marketing Service.

Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1971-76 <sup>1</sup>

Kind of cotton and State	1971	1972	1973	1974	1975	1976
Upland:	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.....	15.96	17.02	19.10	23.80	23.47	25.94
Aris.....	21.92	21.72	23.47	26.55	29.35	30.42
Ark.....	20.16	19.72	22.74	31.23	30.39	31.96
Calif.....	23.80	23.06	23.50	28.64	29.00	32.19
Ga.....	16.53	17.33	20.12	23.81	24.40	27.66
La.....	18.15	19.10	21.86	28.33	29.08	28.68
Miss.....	17.13	18.01	21.03	28.10	27.81	29.48
Mo.....	21.98	24.29	26.65	33.31	32.32	37.73
N. Mex.....	21.58	20.08	25.64	32.15	35.06	38.49
N.C.....	19.63	19.90	24.45	28.10	30.02	31.94
Okl.....	21.42	19.16	22.79	28.77	32.50	27.81
S.C.....	17.82	20.12	24.23	30.18	30.64	29.79
Tenn.....	18.29	18.81	27.71	29.60	28.88	31.20
Tex.....	23.21	23.26	25.60	33.20	39.82	37.29
All upland cotton.....	20.33	21.01	23.74	29.38	32.13	32.87
American Pima.....	29.60	31.90	32.73	37.20	41.16	38.18

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.

Agricultural Marketing Service and Economics, Statistics, and Cooperative Service.

Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1963-77

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felted linters		Chemical grade
							High grade	Medium grade	
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	Cents	Cents	Cents
1963.....	550	1,598	164	2,312	1,358	322	7.90	6.24	2.57
1964.....	601	1,632	183	2,406	1,386	301	7.96	5.98	2.82
1965.....	671	1,580	193	2,444	1,453	283	7.77	5.89	3.13
1966.....	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967.....	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968.....	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969.....	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970.....	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971.....	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972.....	363	1,341	30	1,734	1,111	269	7.17	4.49	2.92
1973.....	290	1,332	32	1,654	964	374	11.30	9.04	9.58
1974.....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975.....	487	847	25	1,360	835	182	9.30	6.56	4.25
1976.....	445	983	70	1,498	999	210	10.28	7.36	3.75-7.25
1977 <sup>3</sup> .....	279								

<sup>1</sup> Uncompressed in carload lots, l.o.b. mill points.<sup>2</sup> Bales are running bales except imports, which are 600-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.<sup>3</sup> Preliminary.Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1972*, table 105.

Table 104.—Cotton: Supply and distribution, by countries, 1976-77

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Exporting countries:								
Mexico.....	406	1,005	1	1,412	707	480	225	1,412
Nicaragua.....	85	548		633	30	560	43	633
El Salvador.....	75	322	5	402	81	221	100	402
Guatemala.....	16	810		826	68	540	18	826
Argentina.....	527	735	11	1,273	546	353	374	1,273
Brazil.....	1,472	2,526		3,998	1,975	54	1,969	3,998
Colombia.....	84	682	5	771	373	314	84	771
Paraguay.....	47	344		391	35	210	146	391
Peru.....	425	318		741	148	137	456	741
Other Western Hemisphere.....	43	105	9	157	27	85	45	157
Angola.....	118	50		168	15	95	58	168
Chad.....	48	248		296	10	248	38	296
Central African Empire.....	28	69		97	10	59	28	97
Cameroon.....	7	84		91	30	49	12	91
Malawi.....	6	35		41	18	15	8	41
Southern Rhodesia.....	100	175		275	55	120	100	275
Sudan.....	724	700		1,424	105	600	719	1,424
Uganda.....	54	100		154	25	62	67	154
Egypt.....	699	1,820	110	2,629	1,150	1,000	479	2,629
Nigeria.....	191	370	9	570	250	100	220	570
Tanzania.....	60	320		380	75	265	40	380
Mozambique.....	73	82		155	25	60	70	155
Other Africa.....	101	696	56	847	270	460	117	847
Afghanistan.....	79	290		369	60	160	139	369
Iran.....	59	720		779	375	350	54	779
Israel.....	40	248		288	110	145	33	288
Pakistan.....	295	1,920	2	2,217	1,900	60	357	2,217
Syria.....	252	715		967	175	675	117	967
Turkey.....	226	2,185		2,411	1,510	580	321	2,411
Other Asia.....	30	145	50	225	121	70	34	225
Greece.....	281	540	104	925	613	71	241	925
Total "free world countries" above.....	6,651	18,689	362	25,702	10,792	8,198	6,712	25,702
United States <sup>4</sup> .....	3,681	* 10,581	* 38	14,300	6,588	4,784	2,928	14,300
Soviet Union.....	2,310	12,000	400	14,710	8,800	4,000	1,910	14,710
Total exporting countries.....	12,642	41,270	800	54,712	26,180	16,982	11,550	54,712

See footnotes at end of table.



Table 104.—Cotton: Supply and distribution, by countries, 1976-77—Continued

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Importing countries:								
Canada.....	27	.....	215	242	215	.....	27	242
Chile.....	22	.....	95	117	100	.....	17	117
Other Western Hemisphere.....	63	135	109	307	247	3	57	307
Austria.....	28	.....	105	131	105	.....	26	131
Belgium.....	69	.....	147	216	179	.....	37	216
Finland.....	15	.....	62	77	55	.....	22	77
France.....	293	.....	956	1,249	975	83	191	1,249
Germany, Fed. Rep. of.....	363	.....	887	1,249	928	69	282	1,249
Italy.....	298	.....	875	1,173	900	.....	273	1,173
Netherlands.....	33	.....	140	173	150	.....	23	173
Portugal.....	175	.....	434	609	305	.....	104	609
Spain.....	287	152	396	835	580	.....	255	835
Sweden.....	39	.....	22	61	30	.....	31	61
Switzerland.....	123	.....	200	323	216	3	104	323
United Kingdom.....	267	.....	461	728	520	5	203	728
Yugoslavia.....	95	9	482	586	505	.....	81	586
Other Europe.....	24	.....	48	72	48	.....	24	72
Australia.....	63	131	22	216	110	24	82	216
Hong Kong.....	439	.....	994	1,433	925	60	448	1,433
India.....	831	4,900	736	6,467	5,700	15	782	6,467
Japan.....	974	.....	3,037	4,011	3,141	52	818	4,011
Korea, Rep. of.....	222	10	890	1,122	950	.....	172	1,122
Philippines.....	22	4	109	135	115	.....	20	135
China, Rep. of.....	546	.....	801	1,347	965	.....	382	1,347
Other Asia.....	349	215	1,100	1,664	1,376	32	256	1,664
Ethiopia.....	41	110	.....	151	95	15	41	151
South Africa.....	83	161	132	366	249	.....	118	366
Other Africa.....	89	120	157	366	250	13	103	366
Total "free world countries" above.....	5,877	5,937	13,612	25,426	20,133	374	4,919	25,426
Communist importing countries.....	3,792	10,945	3,773	18,510	15,335	200	2,975	18,510
Total importing countries.....	9,669	16,882	17,385	43,936	35,468	574	7,894	43,936
World total.....	22,311	58,152	18,185	98,645	61,648	17,556	19,444	98,645
Foreign Free World (all countries).....	12,528	24,626	13,974	51,128	30,925	8,572	11,631	51,128

<sup>1</sup> Estimates for Southern Hemisphere countries include unginned cotton.<sup>2</sup> Includes cotton destroyed or unaccounted for.<sup>3</sup> Bales of 480 pounds net (500 pounds gross).<sup>4</sup> Running bales except imports, which are in bales of 480 pounds net.<sup>5</sup> Includes pre-season ginnings.<sup>6</sup> Imports for consumption.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1976 and 1977

Commodity imported and country of origin	1976	1977 <sup>1</sup>	Commodity imported and country of origin	1976	1977 <sup>1</sup>
<b>Raw silk:<sup>2</sup></b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Abaca or manila:</b>	<i>Tons</i>	<i>Tons</i>
Brazil.....	247	106	Ecuador.....	7,994	12,342
China, People's Rep. of.....	457	258	Philippines.....	14,186	14,320
China, Rep. of.....	17	0	Other countries.....	59	0
Germany, Fed. Rep. of.....	1	0	<b>Total.....</b>	<b>22,239</b>	<b>26,662</b>
Other countries.....	3	7			
<b>Total.....</b>	<b>725</b>	<b>381</b>	<b>Sisal and henequen:</b>		
<b>Waste and advanced waste:<sup>3</sup></b>			Brazil.....	7,081	9,111
Japan.....	1,727	1,230	Haiti.....	157	25
Italy.....	98	0	Kenya.....	1,167	1,277
China, People's Rep. of.....	102	0	Mexico.....	323	139
Brazil.....	0	0	Mozambique.....	1,622	185
United Kingdom.....	1	0	Philippines.....	0	300
Other countries.....	0	10	Tanzania.....	4,015	951
<b>Total.....</b>	<b>1,928</b>	<b>1,240</b>	Thailand.....	100	0
			Other countries.....	0	50
<b>Flax unmanufactured:<sup>4</sup></b>	<i>Tons</i>	<i>Tons</i>	<b>Total.....</b>	<b>14,465</b>	<b>12,038</b>
Belgium and Luxembourg.....	243	57			
<b>Total.....</b>	<b>243</b>	<b>57</b>	<b>Isle of tampoico, unmanufactured:</b>		
<b>Hemp, unmanufactured:</b>			Mexico.....	96	84
Philippines.....	0	38	Other countries.....	0	2
<b>Total.....</b>	<b>0</b>	<b>38</b>	<b>Total.....</b>	<b>96</b>	<b>86</b>
<b>Broomcorn:</b>			<b>Coir, unmanufactured:</b>		
Mexico.....	11,069	10,983	India.....	112	1,396
Other countries.....	148	2	Mexico.....	533	202
<b>Total.....</b>	<b>11,217</b>	<b>10,985</b>	Philippines.....	2,087	0
<b>Jute and jute bolls, unmanufactured:</b>			Sri Lanka.....	3,333	6,931
Bangladesh.....	6,916	7,094	Other countries.....	358	57
India.....	2,745	1,755	<b>Total.....</b>	<b>6,443</b>	<b>8,586</b>
Thailand.....	11,057	2,783			
Other countries.....	235	520	<b>Other vegetable fibers:<sup>5</sup></b>		
<b>Total.....</b>	<b>20,953</b>	<b>12,152</b>	India.....	15	0
<b>Kapok:</b>			Madagascar.....	53	66
Indonesia.....	0	23	South Africa.....	50	0
Thailand.....	7,476	5,760	Thailand.....	149	3,995
Other Asia.....	23	11	Turkey.....	0	401
<b>Total.....</b>	<b>7,499</b>	<b>5,794</b>	Other countries.....	3	0
			<b>Total.....</b>	<b>270</b>	<b>4,462</b>

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild or tussah, and raw silk in skeins.<sup>3</sup> Silk waste, noils, and cocoons.<sup>4</sup> Includes all classes; weight added without conversion to an equivalent fiber basis.<sup>5</sup> TSUSA Number 3045600.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

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Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1963-77

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3,4</sup>	Hemp <sup>3,4</sup>	Jute and jute butte	Abaca or manila <sup>3</sup>	Sisal or henequen <sup>3</sup>	Istle or tam-pico <sup>3</sup>	Kapok <sup>3</sup>	Other fibers <sup>(*)</sup> (°)
	1,000 pounds	1,000 pounds	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1963.....	4,406	1,986	2,246	35	78,544	28,474	92,448	7,074	12,157	14,112
1964.....	4,002	2,157	2,228	41	74,139	26,719	83,871	889	12,212	12,582
1965.....	3,639	2,603	2,577	65	42,143	35,292	88,250	1,280	13,309	10,151
1966.....	3,510	1,113	4,367	89	51,875	35,940	80,198	348	13,191	13,131
1967.....	2,506	294	3,728	60	45,785	27,898	68,085	503	14,538	14,215
1968.....	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,688
1969.....	1,906	1,408	1,563	70	34,294	21,732	54,811	406	9,955	16,566
1970.....	919	927	1,581	0	29,625	31,402	50,577	629	11,703	16,587
1971.....	290	1,408	1,306	45	17,435	16,433	61,853	180	12,332	16,450
1972.....	553	1,586	1,145	35	13,393	21,338	49,993	153	11,214	20,216
1973.....	562	2,780	1,092	18	31,352	20,856	32,382	164	13,784	23,559
1974.....	423	2,163	958	0	28,311	37,094	10,278	364	10,281	25,908
1975.....	561	407	1,921	18	21,260	18,566	8,841	720	6,333	25,350
1976.....	725	1,928	243	0	20,953	22,239	14,465	96	7,499	22,972
1977 <sup>5</sup> .....	381	1,340	87	38	12,132	26,662	12,038	86	5,794	27,635

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.<sup>2</sup> Silk waste, noils, and cocoons.<sup>3</sup> Beginning 1963, not entirely comparable with preceding years because of change in schedule classification.<sup>4</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.<sup>5</sup> Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.<sup>6</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 112.Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1963-77 <sup>1</sup>

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1963.....	1,285.0	1,234.9	18.9	23,328	12.22	285,011	3,096	2,893
1964.....	1,460.0	1,395.2	16.8	23,389	11.80	275,661	3,288	3,073
1965.....	1,314.4	1,248.5	16.8	20,918	11.90	249,875	2,804	2,705
1966.....	1,240.1	1,161.1	17.5	20,342	12.80	260,355	2,828	2,643
1967.....	1,197.2	1,122.1	17.1	19,197	13.50	260,115	2,636	2,464
1968.....	1,476.1	1,410.1	18.0	25,363	13.80	350,207	3,483	3,255
1969.....	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970.....	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971.....	1,406.3	1,341.9	20.2	27,096	15.40	416,379	3,552	3,320
1972.....	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973.....	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974.....	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975.....	1,595.0	1,516.6	19.6	29,704	27.00	820,743	4,019	3,756
1976.....	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977 <sup>4</sup> .....	1,277.5	1,217.8	20.6	25,115	26.50	662,103	3,367	3,145

<sup>1</sup> Relates to year of harvest; includes some acreage planted previous fall.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, table 114.

Table 108.—Sugarbeets: Area, yield, and production, by States, 1975–77

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz. <sup>2</sup>	18.0	17.8	12.9	17.0	17.0	12.8	21.5	23.0	22.3	366	391	285
Calif. <sup>3</sup>	333.0	318.0	229.0	326.3	312.0	217.0	27.3	28.6	26.0	8,892	8,912	5,642
Colo.	162.7	124.0	77.0	184.9	121.0	72.0	17.2	19.0	19.5	2,661	2,303	1,404
Idaho	168.7	145.6	112.7	188.3	139.4	105.8	18.6	20.7	19.6	2,942	2,879	2,074
Kans.	46.0	39.0	26.0	45.0	38.0	24.0	18.5	19.7	16.7	667	749	401
Maine <sup>4</sup>		10.0			5.5			10.2			86	
Mich.	93.6	93.6	92.3	91.4	91.4	85.8	19.2	16.8	21.0	1,755	1,540	1,796
Minn.	225.0	256.0	264.0	196.0	248.0	260.0	14.2	12.3	18.2	2,783	3,026	4,732
Mont.	48.7	46.4	46.4	48.5	46.1	45.0	17.1	21.0	19.9	829	968	896
Nebr.	98.0	86.0	75.0	96.0	84.5	67.7	18.5	20.0	20.0	1,776	1,690	1,354
N. Mex.	.9	1.1	1.3	.9	.9	1.2	16.7	22.2	19.2	15	20	23
N. Dak.	139.6	153.2	161.0	130.9	149.8	157.0	15.9	18.5	17.8	1,820	2,022	2,795
Ohio	39.9	38.4	24.9	39.2	36.5	22.5	19.8	16.9	20.3	777	617	457
Oreg.	18.3	14.9	8.3	17.9	14.5	7.8	23.8	25.1	25.4	426	364	198
Tex.	37.2	26.8	19.9	33.7	23.3	17.9	13.1	21.6	17.3	440	503	300
Utah	23.2	18.4	12.9	22.8	18.0	11.1	15.7	17.6	17.8	353	317	198
Wash.	83.9	79.1	64.4	82.4	76.5	62.1	26.0	24.4	25.8	2,142	1,982	1,602
Wyo.	58.3	87.1	49.5	57.7	86.4	48.4	18.4	20.7	19.6	1,060	1,167	949
U.S.	1,595.0	2,523.4	1,277.5	1,516.6	1,478.8	1,217.8	19.5	19.9	20.6	29,794	29,386	23,115

<sup>1</sup> Preliminary.<sup>2</sup> Relates to year of harvest.<sup>3</sup> Estimates not made in all years.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 109.—Sugarbeets: Production and value, by States, crop of 1976 (preliminary)

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	1,000 tons	Dollars	1,000 dollars		1,000 tons	Dollars	1,000 dollars
Ariz. <sup>1</sup>	391	23.00	8,993	N. Dak.	2,022	19.70	39,833
Calif. <sup>1</sup>	8,912	22.40	199,629	Ohio	617	20.90	12,895
Colo.	2,303	21.10	48,593	Oreg.	364	19.00	6,916
Idaho	2,879	20.80	59,883	Tex.	503	19.40	9,758
Kans.	749	19.00	14,231	Utah	317	19.40	6,150
Maine	56	18.00	1,008	Wash.	1,862	18.00	33,516
Mich.	1,540	22.40	34,496	Wyo.	1,167	22.50	26,258
Minn.	3,628	18.70	66,836				
Mont.	968	22.40	21,683	U.S.	29,386	21.00	616,813
Nebr.	1,690	21.30	35,997				
N. Mex.	20	19.40	388				

<sup>1</sup> Relates to year of harvest; includes some acreage planted previous fall.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1963-77

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	Acres	Pounds	Cwt.	Cents	1,000 dollars
1963.....	3,372	2,801	94,447	18.01	1,700
1964.....	5,021	2,661	133,614	17.78	2,376
1965.....	3,296	2,833	93,363	18.13	1,693
1966.....	4,741	2,922	139,020	18.34	2,549
1967.....	3,803	2,438	85,412	18.28	1,570
1968.....	3,100	2,244	69,553	18.05	1,299
1969.....	5,530	2,548	141,427	18.47	2,612
1970.....	5,907	2,575	152,076	18.59	2,828
1971.....	4,016	2,620	105,224	19.34	2,035
1972.....	3,318	2,446	81,166	19.07	1,548
1973.....	2,832	2,968	84,039	20.28	1,705
1974.....	1,983	2,556	50,685	21.67	1,099
1975.....	4,625	2,437	112,729	34.46	3,885
1976.....	6,748	2,630	177,494	38.55	6,842
1977.....	4,915	2,726	133,985	38.26	5,126

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production. Data for 1949-62 in *Agricultural Statistics, 1979*, table 117.

Table 111.—Sugarbeet seed: Area, yield, and production, by States, 1975-77 <sup>1</sup>

State	Area harvested			Yield per acre			Production		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	Acres	Acres	Acres	Pounds	Pounds	Pounds	Cwt.	Cwt.	Cwt.
Ariz.....	1,047	1,248	281	3,577	3,112	4,059	37,454	38,535	11,406
Nev.....	0	0	54	0	0	2,331	0	0	1,259
N. Mex.....	0	0	224	0	0	1,453	0	0	3,255
Oreg.....	3,196	4,933	4,136	2,121	2,576	2,733	67,796	127,079	113,025
Utah.....	382	351	220	1,958	2,762	2,291	7,479	9,696	5,040
Other.....	0	216	0	0	872	0	0	1,583	0
All States.....	4,625	6,748	4,915	2,437	2,630	2,726	112,729	177,494	<sup>2</sup> 133,985

<sup>1</sup> Commercial seed production from fall plantings overwintered in the field.

<sup>2</sup> All seed monogerm and hybrid.

Science and Education Administration. Compiled from reports furnished by beet sugar companies and their subsidiaries and by others engaged in sugarbeet seed production.

Table 112.—Sugarbeets: Area, yield, and production in specified countries, 1975-77

Continent and country	Area harvested			Yield per hectare			Production <sup>a</sup>		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	32	32	36	33.0	41.0	33.8	1,055	1,313	880
United States.....	614	598	501	43.9	43.3	43.8	26,945	25,907	21,995
Total.....	646	630	537	43.3	43.2	43.3	28,000	27,220	22,845
South America:									
Chile.....	50	55	55	37.0	36.4	36.3	1,850	2,000	1,994
Uruguay.....	27	14	20	29.6	35.7	31.4	800	500	627
Total.....	77	69	75	34.4	36.2	34.9	2,650	2,500	2,621
Europe:									
Belgium and Luxembourg.....	120	95	92	40.9	48.4	48.1	4,913	4,599	4,421
Denmark.....	86	80	85	35.3	35.0	41.5	3,033	2,800	3,530
France.....	561	578	548	36.5	36.1	44.7	20,500	20,300	24,500
Germany, Fed. Rep. of.....	437	449	434	43.2	41.9	44.9	18,998	18,817	19,800
Ireland.....	34	34	36	38.8	43.3	41.2	1,320	1,473	1,483
Italy.....	271	305	238	45.6	49.6	46.8	12,348	15,139	11,150
Netherlands.....	138	135	129	45.0	44.4	46.5	6,210	6,000	6,000
United Kingdom.....	206	219	215	30.5	27.4	35.0	6,280	6,000	7,825
Total EC.....	1,853	1,895	1,777	39.7	39.6	44.0	73,501	75,128	78,109
Austria.....	60	57	57	66.7	61.4	63.2	4,000	3,500	3,600
Finland.....	23	27	27	34.8	35.0	39.6	800	700	800
Spain.....	190	250	253	30.1	34.0	31.6	5,710	8,500	8,000
Sweden.....	53	53	54	37.6	39.2	40.9	1,992	2,077	2,213
Switzerland.....	12	11	12	40.0	45.4	50.0	480	500	600
Total Western Europe.....	2,191	2,293	2,180	39.5	39.4	42.8	86,483	90,405	95,321
Bulgaria.....	65	69	71	46.2	43.5	43.7	3,000	3,000	3,100
Czechoslovakia.....	200	202	220	40.0	39.7	36.8	8,000	8,000	8,100
German Dem. Rep.....	266	273	283	29.2	32.8	24.7	7,800	8,500	7,000
Hungary.....	127	101	125	32.3	34.7	33.0	4,100	3,500	4,000
Poland.....	440	555	550	37.5	29.6	29.1	16,500	16,438	16,000
Romania.....	275	202	225	15.6	24.8	22.2	4,300	5,000	5,000
Yugoslavia.....	107	103	121	43.0	45.7	43.8	4,600	4,707	5,300
Total Eastern Europe.....	1,480	1,505	1,595	32.4	30.0	30.4	48,000	45,143	48,500
Total Europe.....	3,671	3,798	3,775	36.6	35.7	37.6	134,483	135,548	141,821
Soviet Union.....	3,690	3,738	3,760	16.9	21.4	22.6	62,200	80,000	85,000
Asia:									
Japan.....	48	49	49	45.3	44.9	45.4	2,170	2,300	2,223
Turkey.....	213	243	248	32.0	29.2	35.5	6,830	7,100	8,800
Total.....	261	292	297	34.4	31.8	37.1	8,990	9,300	11,023
Grand total.....	8,345	8,527	8,434	28.3	29.9	31.2	236,323	254,568	263,310

<sup>1</sup> Preliminary.<sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 113.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1963-77<sup>1</sup>

Year <sup>1</sup>	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1963.....	542.8	33.8	576.6	42.4	31.2	41.8	23,034	1,053	24,087
1964.....	655.0	27.7	683.6	37.1	26.6	36.6	24,317	736	25,053
1965.....	583.3	33.7	617.0	39.1	26.1	38.4	22,785	878	23,663
1966.....	590.2	35.0	625.2	40.0	26.4	39.2	23,560	925	24,515
1967.....	596.2	31.4	627.6	43.1	30.3	42.5	25,699	932	26,651
1968.....	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969.....	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970.....	351.1	32.8	383.9	41.8	28.7	41.1	23,055	941	23,996
1971.....	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972.....	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973.....	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974.....	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975.....	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976.....	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977 <sup>2</sup> .....	720.7	37.5	758.2	37.0	27.0	36.5	26,642	1,014	27,656

Year <sup>2</sup>	Season average price per ton received by farmers <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed	Raw value <sup>5</sup>		Refined basis <sup>6</sup>	
				Total	Per ton of cane		
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1963.....	10.20	132,975	142,092	2,284	198	2,134	147,624
1964.....	6.83	94,460	98,016	2,326	191	2,174	163,615
1965.....	7.82	94,329	99,665	2,322	204	2,170	145,674
1966.....	8.74	110,470	116,793	2,448	208	2,287	145,201
1967.....	9.38	137,610	144,639	2,648	206	2,475	161,091
1968.....	9.37	119,435	125,198	2,447	204	2,286	152,589
1969.....	9.97	108,380	115,534	2,254	208	2,107	134,458
1970.....	10.50	132,045	139,688	2,416	210	2,258	141,193
1971.....	11.10	138,617	147,834	2,436	211	2,277	144,812
1972.....	11.60	201,639	211,724	2,740	201	2,541	180,553
1973.....	20.90	319,503	333,061	2,549	205	2,383	167,486
1974.....	48.50	724,809	771,091	2,512	212	2,347	156,355
1975.....	19.60	349,622	366,370	2,934	214	2,743	178,988
1976.....	13.70	243,703	257,242	2,724	202	2,546	180,730
1977.....	18.60	311,290	328,384	2,617	196	2,445	166,574

<sup>1</sup> Includes Hawaii for area harvested, yield per acre, production of sugarcane for sugar, and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1963 to date for area harvested, yield, and production of sugarcane for seed. Price and value for Hawaii not included.

<sup>2</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 15-24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year.

<sup>3</sup> Preliminary.

<sup>4</sup> Prices do not include Government payments under the Sugar Act.

<sup>5</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>6</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1954-62 in *Agricultural Statistics, 1972*, table 121.



Table 114.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1975-77

State	Sugarcane for sugar and seed <sup>1</sup>								
	Area harvested			Yield of cane per acre			Cane production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
For sugar:	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Fla.....	286.6	286.0	288.7	35.3	32.6	29.0	10,117	9,324	8,372
Hawaii.....	105.1	99.9	100.2	90.2	91.8	97.5	9,485	9,173	9,769
La.....	308.0	291.0	298.0	21.0	25.6	24.5	6,468	7,451	7,301
Tex.....	35.0	27.1	33.8	35.3	35.8	35.5	1,236	971	1,200
U.S.....	734.7	704.0	720.7	37.2	38.2	37.0	27,306	26,919	26,642
For seed:									
Fla.....	11.4	12.0	11.3	35.3	32.6	29.0	402	391	328
Hawaii.....	6.4	6.8	6.0	28.3	27.8	31.5	181	189	189
La.....	21.0	24.0	20.0	21.0	25.6	24.5	441	614	490
Tex.....	.5	.2	.2	28.0	35.0	35.0	14	7	7
U.S.....	39.3	43.0	37.5	26.4	27.9	27.0	1,038	1,201	1,014
For sugar and seed:									
Fla.....	298.0	298.0	300.0	35.3	32.6	29.0	10,519	9,715	8,700
Hawaii.....	111.5	106.7	106.2	86.7	87.7	93.8	9,666	9,362	9,958
La.....	329.0	315.0	318.0	21.0	25.6	24.5	6,909	8,065	7,791
Tex.....	35.5	27.3	34.0	35.2	35.8	35.5	1,250	978	1,207
U.S.....	774.0	747.0	758.2	36.6	37.6	36.5	28,344	28,120	27,656

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	Lb.	Lb.	Lb.	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
Fla., La., and Tex.....	205	189	188	1,827	1,674	1,584	1,708	1,564	1,480	125,430	131,746	114,651
Hawaii.....	233	229	211	1,107	1,050	1,033	1,035	982	965	83,558	84,984	81,923
U.S. ....	215	202	196	2,934	2,724	2,617	2,743	2,546	2,445	178,988	180,730	166,574

<sup>1</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year. <sup>2</sup> Preliminary. <sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. <sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar. <sup>5</sup> Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses. <sup>6</sup> 83° brix.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 115.—Sugarcane for sugar and seed: <sup>1</sup> Production and value, by States, crop of 1976 (preliminary)

State	Sugar			Sugar and seed: Value of production <sup>2</sup>
	Production	Price per ton	Value of production	
	1,000 tons	Dollars	1,000 dollars	1,000 dollars
Fla.....	9,324	15.10	140,792	146,697
La.....	7,451	12.30	91,647	99,200
Tex.....	971	11.60	11,264	11,345
Total.....	17,746	13.70	243,703	257,242

<sup>1</sup> Excludes Hawaii. <sup>2</sup> Price per ton of cane for sugar used in evaluating value of production for seed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 116.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1963-77

Crop year <sup>1</sup>	Sugarcane				Sugar produced			Molasses
	Area		Production for centrifugal sugar		Centrifugal as made	Muscovado and panocha	Centrifugal sugar made per ton sugarcane	
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per hectare <sup>3</sup>	Total <sup>4</sup>				
	1,000 hectares	1,000 hectares	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	Kilograms	Metric tons
1963.....	256	238	59.79	14,229	1,555	47	109	541,787
1964.....	308	248	63.73	15,804	1,683	56	106	335,162
1965.....	352	328	43.37	14,225	1,603	57	113	421,994
1966.....	320	293	45.33	13,281	1,442	56	109	443,430
1967.....	311	288	55.05	15,278	1,558	57	102	502,875
1968.....	328	286	54.24	15,512	1,595	60	103	566,670
1969.....	343	321	51.24	16,448	1,596	60	97	808,863
1970.....	399	366	58.57	21,437	1,927	59	90	890,000
1971.....	450	442	52.49	23,287	2,058	62	88	770,000
1972.....	460	440	44.30	19,491	1,869	57	96	834,000
1973.....	454	441	51.42	22,676	2,424	52	107	955,000
1974.....	463	445	58.62	26,085	2,643	54	101	882,000
1975.....	526	510	48.27	24,616	2,466	60	100	924,000
1976.....	545	525	55.02	28,884	2,936	54	101	1,190,000
1977 <sup>5</sup> .....	526	492	54.16	26,648	2,675	65	100	923,000

<sup>1</sup> Harvesting begins in October, the length of the growing season being about 11 months.<sup>2</sup> Total harvested area includes area for both centrifugal and non-centrifugal sugar.<sup>3</sup> Cane production divided by harvested area.<sup>4</sup> Cane production as reported.<sup>5</sup> Preliminary.Foreign Agricultural Service, Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1949-62 in *Agricultural Statistics, 1978*, table 126.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1963-77

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use	Per capita consumption (refined) <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1963.....	4,871	2,367	4,594	891	30	7	9,856	97.3
1964.....	5,587	2,637	3,633	809	21	15	9,938	96.8
1965.....	5,370	2,794	4,027	834	89	41	10,080	97.0
1966.....	5,379	2,805	4,495	717	65	79	10,235	97.3
1967.....	5,397	2,758	4,804	705	72	190	10,474	98.5
1968.....	5,627	2,941	5,130	504	79	82	10,556	99.2
1969.....	5,482	3,043	4,885	542	52	68	10,950	101.0
1970.....	5,574	2,869	5,290	353	66	83	11,163	101.8
1971.....	5,815	2,835	5,587	144	89	61	11,345	102.4
1972.....	6,015	2,823	5,459	149	50	62	11,487	102.8
1973.....	6,061	2,823	5,329	79	26	31	11,429	101.5
1974.....	5,653	2,646	5,770	157	77	8	10,946	96.6
1975.....	6,302	2,854	3,882	96	206	6	19,304	90.2
1976.....	6,800	2,856	4,658	203	70	0	10,895	94.7
1977 <sup>5</sup> .....	6,280	3,498	6,428	100	21	0	11,100	98.7

<sup>1</sup> Includes shipments from Puerto Rico (and from Virgin Islands 1960-66).<sup>2</sup> Includes sugar used in manufacture of other commodities.<sup>3</sup> Includes use for alcohol, beginning 1964.<sup>4</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.<sup>5</sup> Estimated.Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-62 in *Agricultural Statistics, 1978*, table 126.

Table 118.—Sugar: Production in specified countries, 1975-77<sup>1</sup>

Continent and country	1975	1976	1977 <sup>2</sup>	Continent and country	1975	1976	1977 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup></b>				<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup>—Continued</b>			
North America (cane):	1,000 metric tons	1,000 metric tons	1,000 metric tons	Europe (beet unless otherwise indicated)—Continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
Barbados.....	104	120	102	Albania.....	21	22	21
Belize.....	83	98	100	Bulgaria.....	250	285	290
Canada (beet).....	141	165	118	Czechoslovakia.....	750	700	830
Costa Rica.....	174	194	213	German Dem. Rep.....	650	600	680
Cuba.....	6,200	5,800	6,000	Hungary.....	350	400	450
Dominican Republic.....	1,240	1,381	1,400	Poland.....	1,950	2,000	2,200
Guadeloupe.....	261	286	295	Romania.....	560	500	725
Haiti.....	96	91	95	Yugoslavia.....	489	707	717
Guatemala.....	529	561	602				
Honduras.....	56	55	55	Total Eastern Europe.....	5,030	5,514	5,903
Jamaica.....	91	107	150	Total Europe.....	17,350	18,759	19,659
Martinique.....	365	295	350	Soviet Union.....	7,700	7,350	9,300
Mexico.....	14	14	15				
Nicaragua.....	2,698	2,697	2,880	Africa (cane):			
Panama.....	246	224	250	Angola.....	60	50	60
Puerto Rico.....	142	181	227	Egypt.....	620	663	665
St. Kitts.....	35	42	36	Ethiopia.....	165	180	175
Trinidad and Tobago.....	204	176	200	Kenya.....	172	171	197
United States:				Madagascar.....	114	107	110
Continental (cane).....	3,646	3,822	3,000	Mauritius.....	496	731	715
Hawaii.....	1,857	1,515	1,400	Morocco.....	350	380	370
Puerto Rico.....	953	998	1,000	Mozambique.....	243	350	350
Total North America.....	19,203	18,779	18,713	Reunion.....	246	290	265
				Southern Rhodesia.....	265	240	250
South America (cane unless otherwise indicated):				South Africa.....	1,801	2,042	2,100
Argentina.....	1,349	1,562	1,600	Swaziland.....	212	208	210
Bolivia.....	286	305	290	Tanzania.....	96	115	120
Brazil.....	6,200	7,500	8,000	Uganda.....	30	35	10
Chile (beet).....	319	315	230	Zaire.....	63	46	60
Colombia.....	965	882	870	Other Africa <sup>4</sup> .....	555	695	820
Ecuador.....	287	310	370				
Guyana.....	338	332	335	Total Africa.....	5,488	6,253	6,457
Paraguay.....	84	90	95				
Peru.....	956	920	960	Asia (cane unless otherwise indicated):			
Surinam.....	10	10	10	Burma.....	110	132	135
Uruguay (beet and cane).....	129	82	123	China, People's Rep. of (cane and beet).....	2,550	2,600	2,750
Venezuela.....	462	443	500	China, Rep. of.....	817	1,123	1,000
Total South America.....	11,385	12,751	13,983	India.....	5,464	6,040	6,000
				Indonesia.....	1,090	1,150	1,200
Europe (beet unless otherwise indicated):				Iran (beet and cane).....	685	740	725
Belgium and Luxembourg.....	722	749	755	Pakistan.....	471	505	574
Denmark.....	422	416	516	Philippines.....	630	736	745
France.....	3,239	2,968	3,913	Thailand.....	2,936	2,675	2,300
Germany, Fed. Rep. of.....	2,540	2,734	2,740	Turkey (Europe and Asia) (beet).....	1,641	2,261	1,800
Ireland.....	199	189	195	Other Asia (cane and beet) <sup>5</sup> .....	986	1,285	1,200
Italy.....	1,402	1,750	1,190		334	369	412
Netherlands.....	914	945	815	Total Asia.....	17,674	19,676	18,844
United Kingdom.....	695	773	1,000				
Total EC.....	10,133	10,524	11,124	Oceania (cane):			
Austria.....	512	391	400	Australia.....	2,988	3,405	3,400
Finland.....	77	85	90	Fiji.....	272	293	300
Greece.....	307	355	350				
Portugal:				Total Oceania.....	3,260	3,698	3,700
Azores and Madeira.....	25	30	60				
Spain (cane and beet).....	934	1,445	1,305	World total (cane).....	49,856	53,610	54,778
Sweden.....	277	302	340	World total (beet).....	52,202	55,656	55,878
Switzerland.....	66	83	87				
Total Western Europe.....	12,330	13,245	13,756	World total (cane and beet).....	82,060	87,266	90,656

See footnotes at end of table.

Table 118.—Sugar: Production in specified countries, 1975-77 <sup>1</sup>—Continued

Continent and country	1975	1976	1977 <sup>2</sup>	Continent and country	1975	1976	1977 <sup>2</sup>
<b>NON-CENTRIFUGAL SUGAR</b> (as produced) <sup>3</sup>	<b>1,000</b> <b>metric</b> <b>tons</b>	<b>1,000</b> <b>metric</b> <b>tons</b>	<b>1,000</b> <b>metric</b> <b>tons</b>	<b>NON-CENTRIFUGAL SUGAR</b> (as produced) <sup>3</sup> —Continued	<b>1,000</b> <b>metric</b> <b>tons</b>	<b>1,000</b> <b>metric</b> <b>tons</b>	<b>1,000</b> <b>metric</b> <b>tons</b>
<b>North America:</b>				<b>Asia:</b>			
Costa Rica.....	40	45	45	Burma.....	135	138	140
El Salvador.....	16	16	10	China, People's Rep. of.....	820	825	830
Guatemala.....	54	85	45	China, Rep. of.....	27	30	42
Mexico.....	65	65	65	India.....	6,200	6,200	6,300
Nicaragua.....	10	10	10	Indonesia.....	200	200	225
Panama.....	3	2	3	Japan <sup>4</sup> .....	12	12	10
<b>Total.....</b>	<b>188</b>	<b>223</b>	<b>178</b>	Pakistan.....	1,445	1,450	1,450
<b>South America:</b>				Philippines.....	54	51	52
Brazil.....	200	200	200	Thailand.....	370	700	700
Colombia.....	687	859	819	Vietnam.....	10	10	11
Ecuador.....	40	42	45	<b>Total.....</b>	<b>9,273</b>	<b>9,616</b>	<b>9,760</b>
Peru.....	13	14	14	<b>Total of above countries.....</b>	<b>10,439</b>	<b>10,993</b>	<b>11,056</b>
Venezuela.....	38	39	40				
<b>Total.....</b>	<b>978</b>	<b>1,154</b>	<b>1,118</b>				

<sup>1</sup> Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup> Preliminary.

<sup>3</sup> Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup> "Other Africa" includes Afars-Ismas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Liberia, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

<sup>5</sup> Since Jan. 1, 1972, includes Ryukyu Islands.

<sup>6</sup> "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

<sup>7</sup> Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, pancha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1975-77 <sup>1</sup>

Country or area of supply	1975	1976	1977 <sup>2</sup>	Country or area of supply	1975	1976	1977 <sup>2</sup>
	<b>1,000</b> <b>tons</b>	<b>1,000</b> <b>tons</b>	<b>1,000</b> <b>tons</b>		<b>1,000</b> <b>tons</b>	<b>1,000</b> <b>tons</b>	<b>1,000</b> <b>tons</b>
Argentina.....	112	87	267	Philippines.....	413	914	1,443
Australia.....	479	470	494	South Africa.....	134	98	224
Brazil.....	197	—	960	China, Rep. of.....	140	87	86
Belize.....	45	14	36	Other countries.....	544	596	738
Colombia.....	189	84	14	<b>Total foreign countries.....</b>	<b>3,683</b>	<b>4,058</b>	<b>6,136</b>
Costa Rica.....	56	65	95	<b>Domestic areas:</b>			
Dominican Republic.....	775	971	978	Mainland (beet).....	3,283	3,822	3,513
Ecuador.....	47	28	55	Mainland (cane).....	1,849	1,562	1,424
El Salvador.....	107	143	166	Hawaii.....	935	955	979
Fiji Islands.....	61	331	301	Puerto Rico.....	90	203	102
Guatemala.....	13	6	—	Texas (cane).....	81	115	85
Haiti.....	13	6	—	<b>Total domestic areas.....</b>	<b>5,764</b>	<b>6,720</b>	<b>6,103</b>
India.....	188	189	—	<b>Grand total.....</b>	<b>9,647</b>	<b>11,378</b>	<b>12,239</b>
Mexico.....	41	1	—				
Nicaragua.....	58	166	120				
Panama.....	98	95	131				
Peru.....	216	313	313				

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup> Preliminary.

Agricultural Marketing Service.

Table 120.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1963-78<sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
<b>JAN. 1 STOCKS<sup>5</sup></b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>	<b>1,000 tons</b>
1963.....	236	1,278	26	.....	1,540
1964.....	327	958	40	.....	1,325
1965.....	215	1,585	23	.....	1,823
1966.....	208	1,603	24	.....	1,835
1967.....	215	1,423	16	.....	1,654
1968.....	249	1,335	32	.....	1,616
1969.....	256	1,292	11	.....	1,559
1970.....	251	1,321	9	.....	1,581
1971.....	237	1,296	4	.....	1,507
1972.....	255	1,258	1	.....	1,514
1973.....	233	1,280	3	.....	1,516
1974.....	257	1,130	1	.....	1,388
1975.....	276	1,314	1	.....	1,591
1976.....	233	1,490	0	.....	1,723
1977.....	261	1,661	0	.....	1,922
1978 <sup>6</sup> .....	335	1,676	85	.....	1,996
<b>PRODUCTION OR RECEIPTS</b>					
1963.....	6,423	2,450	211	.....	9,084
1964.....	6,148	3,150	204	.....	9,502
1965.....	6,368	2,845	207	.....	9,420
1966.....	6,685	2,947	180	.....	9,612
1967.....	6,868	2,551	302	.....	9,721
1968.....	7,209	2,840	193	.....	10,242
1969.....	6,574	3,034	147	.....	10,055
1970.....	7,143	3,281	139	.....	10,563
1971.....	7,324	3,205	108	.....	10,639
1972.....	7,304	3,303	89	.....	10,696
1973.....	7,358	3,133	73	.....	10,564
1974.....	7,606	3,010	56	.....	10,674
1975.....	6,183	3,246	82	.....	9,511
1976.....	6,561	3,741	78	.....	10,378
1977 <sup>6</sup> .....	7,100	3,198	258	.....	10,556
<b>DELIVERIES<sup>7</sup></b>					
1963.....	6,332	2,771	197	50	9,350
1964.....	6,260	2,823	219	58	9,060
1965.....	6,374	2,827	206	65	9,472
1966.....	6,678	2,826	187	55	9,746
1967.....	6,834	2,539	286	54	9,613
1968.....	7,201	2,883	214	48	10,346
1969.....	6,579	3,005	148	49	10,081
1970.....	7,158	3,336	144	57	10,695
1971.....	7,306	3,213	111	51	10,681
1972.....	7,326	3,281	87	70	10,764
1973.....	7,334	3,282	75	81	10,772
1974.....	7,590	2,826	56	54	10,526
1975.....	6,237	3,068	83	65	9,453
1976.....	6,534	3,572	78	15	10,197
1977 <sup>6</sup> .....	7,025	3,285	172	17	10,497

<sup>1</sup> All sugars converted to refined basis.<sup>2</sup> Includes Hawaiian sugar for direct consumption.<sup>3</sup> Includes Puerto Rican sugar for direct consumption.<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.<sup>5</sup> Stocks include sugar in bond and in customs custody and control.<sup>6</sup> Preliminary.<sup>7</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.Agricultural Marketing Service. Data for 1949-63 in *Agricultural Statistics, 1978*, table 130.

Table 121.—Sugar, cane (raw<sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1963-78

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963.....	000	7,294	6,845	22
1964.....	1,027	6,166	6,385	10
1965.....	598	6,763	6,832	15
1966.....	513	7,254	7,183	15
1967.....	560	7,635	7,376	17
1968.....	512	7,759	7,720	17
1969.....	534	7,351	7,573	17
1970.....	695	7,780	7,655	16
1971.....	804	7,856	7,885	10
1972.....	785	8,041	7,844	10
1973.....	972	7,948	7,910	12
1974.....	998	8,063	8,161	11
1975.....	886	8,206	8,639	11
1976.....	428	7,430	7,071	13
1977.....	776	8,480	7,582	12
1978 <sup>3</sup> .....	1,654			

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>2</sup> Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.<sup>3</sup> Preliminary.Agricultural Marketing Service. Data for 1949-62 in *Agricultural Statistics, 1978*, table 129.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1975-77

Country	Date <sup>1</sup>	Sugar-making season			Country	Date <sup>1</sup>	Sugar-making season		
		1975	1976	1977 <sup>2</sup>			1975	1976	1977 <sup>2</sup>
		1,000 metric tons	1,000 metric tons	1,000 metric tons			1,000 metric tons	1,000 metric tons	1,000 metric tons
Chile.....	Apr. 1	206	215	130	Ireland.....	Oct. 1	40	35	25
Colombia.....	May 1	45	55	41	Japan.....	Oct. 1	267	98	157
South Africa.....	May 1	163	234	240	Netherlands.....	Oct. 1	96	139	150
Argentina.....	June 1	62	137	116	Philippines.....	Oct. 1	405	744	1,677
Australia.....	June 1	155	328	533	Sweden.....	Oct. 1	139	138	126
Brazil.....	June 1	1,591	1,746	1,286	Switzerland.....	Oct. 1	32	21	54
Mauritius.....	June 1	24	219	246	United States and insular areas.....	Oct. 1	2,444	2,399	2,718
Ecuador.....	July 1	4	13	12	Uruguay.....	Oct. 1	49	70	109
Spain.....	July 1	163	136	118	El Salvador.....	Nov. 1	4	9	8
Greece.....	July 1	72	42	132	Guatemala.....	Nov. 1	4	77	62
Finland.....	Aug. 1	64	82	48	India.....	Nov. 1	843	737	818
Guyana.....	Aug. 1	35	21	18	Mexico.....	Nov. 1	547	642	282
Italy.....	Aug. 1	500	337	509	Thailand.....	Nov. 1	15	34	412
Turkey.....	Aug. 1	106	79	78	Egypt.....	Nov. 1	12	70	145
Canada.....	Sept. 1	167	117	183	Dominican Republic.....	Dec. 1	280	300	348
United Kingdom.....	Sept. 1	208	139	251	Barbados.....	Jan. 1	14	15	16
Venezuela.....	Sept. 1	91	123	21	Haiti.....	Jan. 1	7	7	9
Yugoslavia.....	Sept. 1	41	92	64	Jamaica.....	Jan. 1	18	12	25
Austria.....	Oct. 1	75	68	173	Nicaragua.....	Jan. 1	8	6	30
Belgium.....	Oct. 1	94	90	124	Peru.....	Jan. 1	110	86	160
Costa Rica.....	Oct. 1	8	15	14	Trinidad and Tobago.....	Jan. 1	9	3	12
Denmark.....	Oct. 1	88	98	74					
France.....	Oct. 1	369	174	259					
Germany, Fed. Rep. of.....	Oct. 1	137	165	265					
Iran.....	Oct. 1	191	207	283	Total.....		9,902	10,574	12,661

<sup>1</sup> All stock carryover dates apply to the year shown, except Jan. 1 and Apr. 1, which apply to the following year.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 123.—Sugar, centrifugal (raw value): International trade, 1974-76

Continent and country	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Belize.....	88	1	75	1	38	1
Canada.....	43	901	87	998	52	865
Costa Rica.....	69	( <sup>2</sup> )	71	( <sup>2</sup> )	69	( <sup>2</sup> )
El Salvador.....	146	( <sup>2</sup> )	138	( <sup>2</sup> )	130	( <sup>2</sup> )
Guatemala.....	134	0	304	0	321	0
Honduras.....	8	( <sup>2</sup> )	10	( <sup>2</sup> )	7	( <sup>2</sup> )
Mexico.....	427	0	367	0	4	0
Nicaragua.....	67	( <sup>2</sup> )	90	( <sup>2</sup> )	154	( <sup>2</sup> )
Panama.....	58	( <sup>2</sup> )	82	7	93	( <sup>2</sup> )
United States.....	62	5,238	203	3,490	69	4,136
<b>Caribbean:</b>						
Antigua.....	0	2	0	1	0	1
Barbados.....	90	0	73	0	84	0
Cuba.....	5,491	0	5,744	0	5,764	0
Dominican Republic.....	1,017	0	980	0	977	0
Guadeloupe <sup>1</sup> .....	( <sup>2</sup> )	0	21	0	5	0
Haiti.....	8	0	25	0	8	0
Jamaica.....	274	7	258	5	230	8
Netherlands Antilles.....	0	8	0	8	0	8
St. Kitts.....	23	( <sup>2</sup> )	23	( <sup>2</sup> )	33	( <sup>2</sup> )
Trinidad and Tobago.....	164	3	109	4	184	4
Other countries <sup>1</sup> .....	0	20	7	21	4	22
<b>Total North America.....</b>	<b>8,169</b>	<b>6,180</b>	<b>8,375</b>	<b>4,535</b>	<b>8,215</b>	<b>5,073</b>
<b>South America:</b>						
Argentina.....	633	0	193	0	286	0
Bolivia.....	45	0	59	0	133	0
Brazil.....	2,356	0	1,515	0	1,266	0
Chile.....	11	163	46	178	0	82
Colombia.....	127	0	181	0	100	0
Ecuador.....	50	0	55	0	27	0
Guyana.....	307	( <sup>2</sup> )	289	0	306	( <sup>2</sup> )
Paraguay.....	21	0	15	0	4	0
Peru.....	429	0	422	0	294	0
Uruguay.....	0	21	0	20	0	( <sup>2</sup> )
Venezuela.....	2	4	( <sup>2</sup> )	( <sup>2</sup> )	2	98
Other countries <sup>1</sup> .....	3	2	2	2	2	5
<b>Total South America.....</b>	<b>3,984</b>	<b>233</b>	<b>2,777</b>	<b>200</b>	<b>2,403</b>	<b>185</b>
<b>Europe:</b>						
Belgium and Luxembourg.....	325	3	189	30	351	76
Denmark.....	138	4	154	29	172	50
France <sup>1</sup> .....	1,302	158	994	183	1,422	138
Germany, Fed. Rep. of.....	418	100	249	198	318	169
Ireland.....	13	38	58	50	103	90
Italy.....	( <sup>2</sup> )	766	4	876	( <sup>2</sup> )	307
Netherlands.....	141	11	14	29	81	63
United Kingdom.....	328	2,269	385	2,346	285	2,101
<b>Total EC.....</b>	<b>2,565</b>	<b>3,349</b>	<b>2,047</b>	<b>3,539</b>	<b>2,732</b>	<b>2,992</b>
Austria.....	38	11	64	10	125	( <sup>2</sup> )
Finland.....	18	144	36	171	27	136
Greece.....	( <sup>2</sup> )	78	0	87	34	( <sup>2</sup> )
Iceland.....	0	11	0	9	0	11
Malta.....	0	18	0	7	0	22
Norway.....	( <sup>2</sup> )	137	( <sup>2</sup> )	108	( <sup>2</sup> )	169
Portugal.....	0	326	0	286	0	217
Spain.....	( <sup>2</sup> )	367	( <sup>2</sup> )	484	( <sup>2</sup> )	65
Sweden.....	( <sup>2</sup> )	67	( <sup>2</sup> )	80	( <sup>2</sup> )	121
Switzerland.....	( <sup>2</sup> )	236	( <sup>2</sup> )	142	( <sup>2</sup> )	226
<b>Total Western Europe.....</b>	<b>2,621</b>	<b>4,878</b>	<b>2,147</b>	<b>4,923</b>	<b>2,918</b>	<b>3,959</b>
Albania.....	0	19	0	17	0	13
Bulgaria.....	( <sup>2</sup> )	212	0	298	0	263
Czechoslovakia.....	189	165	227	48	71	109
German Dem. Rep.....	186	285	64	166	67	189
Hungary.....	13	226	7	198	2	151
Poland.....	181	50	73	41	352	16
Romania.....	116	88	9	21	0	39
Yugoslavia.....	7	119	2	119	( <sup>2</sup> )	342
<b>Total Eastern Europe.....</b>	<b>692</b>	<b>1,164</b>	<b>381</b>	<b>905</b>	<b>492</b>	<b>1,122</b>
<b>Total Europe.....</b>	<b>3,313</b>	<b>6,042</b>	<b>2,528</b>	<b>5,828</b>	<b>3,410</b>	<b>5,081</b>

See footnotes at end of table.



Table 123.—Sugar, centrifugal (raw value): International trade, 1974-76—Continued

Continent and country	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union.....	103	1,856	58	3,237	79	3,760
<b>Africa:</b>						
Algeria.....	( <sup>2</sup> )	277	0	318	0	356
Angola.....	0	12	0	7	0	40
Egypt.....	51	123	44	172	43	204
Ethiopia <sup>3</sup> .....	11	( <sup>2</sup> )	7	( <sup>2</sup> )	25	( <sup>2</sup> )
Ghana.....	0	54	0	45	0	44
Ivory Coast.....	1	57	( <sup>2</sup> )	32	( <sup>2</sup> )	18
Kenya.....	( <sup>2</sup> )	76	( <sup>2</sup> )	14	( <sup>2</sup> )	40
Libya.....	0	80	0	95	0	120
Madagascar.....	14	( <sup>2</sup> )	42	( <sup>2</sup> )	32	( <sup>2</sup> )
Mauritius.....	670	( <sup>2</sup> )	498	551	551	( <sup>2</sup> )
Morocco.....	2	378	( <sup>2</sup> )	268	( <sup>2</sup> )	263
Mozambique.....	189	0	51	0	147	0
Nigeria.....	0	71	0	113	0	178
Reunion <sup>4</sup> .....	44	0	( <sup>2</sup> )	0	( <sup>2</sup> )	0
Southern Rhodesia.....	132	0	116	0	116	0
Senegal.....	2	82	( <sup>2</sup> )	84	( <sup>2</sup> )	76
Sierra Leone.....	0	10	0	10	0	13
South Africa.....	779	21	809	89	860	51
Sudan.....	0	129	0	142	0	136
Swaziland.....	184	0	181	0	194	0
Tanzania.....	( <sup>2</sup> )	34	12	0	22	12
Tunisia.....	0	163	23	125	0	193
Zaire.....	( <sup>2</sup> )	23	0	15	0	22
Other countries <sup>5</sup> .....	47	223	43	202	58	234
<b>Total Africa.....</b>	<b>2,102</b>	<b>1,702</b>	<b>1,806</b>	<b>1,731</b>	<b>2,048</b>	<b>2,009</b>
<b>Asia:</b>						
Yemen (Aden).....	0	39	0	35	0	38
Afghanistan.....	0	84	0	40	0	55
China, People's Rep. of.....	52	411	94	241	24	657
China, Rep. of.....	553	0	4,097	0	437	0
Cyprus.....	0	13	0	11	0	13
Hong Kong.....	1	78	14	73	1	84
India.....	737	0	1,291	0	915	0
Indonesia.....	0	219	1	826	0	187
Iran <sup>7</sup> .....	0	226	0	626	0	277
Iraq.....	( <sup>2</sup> )	392	13	378	0	364
Israel.....	0	187	0	150	0	156
Japan.....	17	2,771	104	2,473	8	2,459
Jordan.....	0	51	0	48	0	112
Korea, Rep. of.....	73	299	129	357	84	308
Kuwait.....	( <sup>2</sup> )	31	( <sup>2</sup> )	64	( <sup>2</sup> )	40
Lebanon.....	2	81	0	66	0	36
Malaysia, West.....	49	343	79	345	87	363
Pakistan.....	0	( <sup>2</sup> )	( <sup>2</sup> )	11	( <sup>2</sup> )	0
Philippines.....	1,542	0	972	0	1,515	0
Singapore.....	23	112	40	148	22	109
Sri Lanka.....	0	72	0	50	0	26
Syria.....	0	225	0	145	0	171
Thailand.....	444	0	505	0	1,124	0
Turkey (Europe and Asia).....	0	103	2	106	4	( <sup>2</sup> )
Vietnam.....	7	136	5	255	5	205
Other countries <sup>5</sup> .....	10	363	11	391	11	440
<b>Total Asia.....</b>	<b>3,510</b>	<b>6,176</b>	<b>7,447</b>	<b>6,133</b>	<b>4,227</b>	<b>6,030</b>
<b>Oceania:</b>						
Australia.....	1,787	0	1,998	0	2,016	0
Fiji.....	258	( <sup>2</sup> )	285	( <sup>2</sup> )	257	( <sup>2</sup> )
New Zealand.....	( <sup>2</sup> )	179	( <sup>2</sup> )	203	( <sup>2</sup> )	170
Other countries <sup>5</sup> .....	1	48	1	50	1	52
<b>Total Oceania.....</b>	<b>2,046</b>	<b>227</b>	<b>2,284</b>	<b>253</b>	<b>2,274</b>	<b>222</b>
<b>World total.....</b>	<b>23,227</b>	<b>22,416</b>	<b>25,245</b>	<b>21,917</b>	<b>22,656</b>	<b>22,380</b>

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 tons. <sup>3</sup> Excludes trade with France and French Territories. <sup>4</sup> Includes trade of other countries not shown separately. <sup>5</sup> Excludes trade with French Territories. <sup>6</sup> Ethiopian calendar year. <sup>7</sup> Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 124.—Sugar (raw and refined): Average price per pound at specified markets, 1963-77

Year	Wholesale price, cane sugar				Retail price, granulated: United States <sup>4</sup>	Year	Wholesale price, cane sugar				Retail price, granulated: United States <sup>4</sup>
	Raw, 96° centrifugal			Re-fined: New York <sup>3</sup>			Raw, 96° centrifugal			Re-fined: New York <sup>3</sup>	
	Carib-bean ports <sup>1</sup>	New York, c.i.f. basis <sup>2</sup>	New York, duty paid				Carib-bean ports <sup>1</sup>	New York, c.i.f. basis <sup>2</sup>	New York, duty paid		
1963-----	Cents 8.50	Cents 7.56	Cents 8.2	Cents 11.70	Cents 13.6	1971-----	Cents 4.55	Cents 7.90	Cents 8.5	Cents 12.24	Cents 13.6
1964-----	5.87	6.27	6.9	10.47	12.8	1972-----	7.43	8.47	9.1	12.83	13.9
1965-----	2.12	6.12	6.8	10.02	11.8	1973-----	9.61	9.66	10.3	13.78	15.1
1966-----	1.86	6.36	7.0	10.15	12.0	1974-----	29.99	42.22	29.5	33.66	32.3
1967-----	1.99	6.65	7.3	10.41	12.1	1975-----	20.49	21.85	22.5	30.80	37.2
1968-----	1.98	6.90	7.5	10.60	12.2	1976-----	11.58	12.74	13.3	18.85	24.0
1969-----	3.37	7.12	7.8	11.22	12.4	1977-----	* 8.22	* 10.36	* 10.9	16.17	21.6
1970-----	3.75	7.45	8.1	11.74	13.0						

<sup>1</sup> F.o.b. and stowed.<sup>2</sup> Quotations are on a cost, insurance, and freight basis.<sup>3</sup> Average wholesale price per pound less 2 percent cash discount.<sup>4</sup> Averages of prices reported by urban dealers as of the 15th of the month. Derived from reported price for 5-pound container.<sup>5</sup> Average for 10 months.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the following sources: New York Journal of Commerce; U.S. Department of Labor retail prices series; and reports of the New York Coffee and Sugar Exchange. Data for 1949-62 in *Agricultural Statistics, 1972*, table 133.

Table 125.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1975-77<sup>1</sup>

Country of origin	1975	1976	1977 <sup>2</sup>	Country of origin	1975	1976	1977 <sup>3</sup>
North and South America, including Caribbean area:	1,000 metric tons	1,000 metric tons	1,000 metric tons	Other countries:	1,000 metric tons	1,000 metric tons	1,000 metric tons
Argentina.....	100	87	267	Australia.....	454	369	427
Brazil.....	302	0	809	China, Rep. of.....	139	77	76
Colombia.....	125	102	12	India.....	154	177	0
Costa Rica.....	47	59	84	Mauritius.....	23	27	80
Dominican Republic.....	687	839	796	Philippines.....	377	840	1,187
Ecuador.....	38	33	49	South Africa.....	130	87	246
El Salvador.....	93	118	127	Other.....	216	166	264
Guatemala.....	55	289	292				
Mexico.....	35	( <sup>4</sup> )	( <sup>4</sup> )	Total other countries.....	1,493	1,743	2,250
Nicaragua.....	59	138	117				
Panama.....	86	86	115	World total.....	3,490	4,136	5,290
Peru.....	173	317	354				
West Indies and Guyana.....	200	224	143				
Other America.....	97	101	275				
Total.....	1,997	2,393	3,040				

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.<sup>2</sup> Preliminary.<sup>3</sup> Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 126.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1975-77

Country of destination	1975	1976	1977 <sup>1</sup>	Country of destination	1975	1976	1977 <sup>1</sup>
North and South America, including Caribbean areas:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Bahamas.....	1,321	1,766	1,552	Angola.....	2,557	0	0
Bermuda.....	299	348	111	Guinea.....	254	276	264
Canada.....	74,957	34,826	3,485	Morocco.....	0	5,436	0
Jamaica.....	241	60	12	Nigeria.....	8,359	11,444	5,925
Leeward and Windward Islands	38	91	183	West Africa, n.e.c.....	3	44	49
Netherlands Antilles.....	216	3,599	4,473	Other countries.....	1,361	160	22
Other countries.....	1,494	505	401				
Total.....	78,566	40,725	10,317	Total.....	12,534	17,360	6,260
Europe:				Asia and Oceania:			
Belgium-Luxembourg.....	11,829	1	0	French Pacific Islands.....	1,332	270	42
France.....	7,901	27	10	Indonesia.....	29	150	37
Germany, Fed. Rep. of.....	9,315	14	3	Israel.....	6,105	1,913	825
Iceland.....	793	0	0	Japan.....	44,010	585	0
Italy.....	4,754	30	36	Saudi Arabia.....	40	136	300
Netherlands.....	9,726	5,707	1	Trust Territory of Pacific Islands.....	767	1,018	1,048
Sweden.....	116	87	235	Western Samoa.....	111	224	133
United Kingdom.....	6,349	26	248	Other countries.....	1,304	76	203
Other countries.....	6,649	438	50				
Total.....	57,433	6,330	583	Total.....	54,599	4,352	2,578
				World total.....	203,130	68,767	19,738

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 127.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1963-77

Year	Production		Disposition on farms where produced		Season average price per gallon of sirup	Value of production
	Sirup <sup>1</sup>	In terms of sugar <sup>2</sup>	Home use	Sold		
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	1,143	9,144	66	1,077	4.86	5,539
1964.....	1,546	12,368	91	1,455	5.02	7,745
1965.....	1,266	10,128	84	1,182	5.04	6,389
1966.....	1,476	11,868	84	1,392	4.96	7,319
1967.....	979	7,832	65	914	5.33	5,215
1968.....	983	7,864	62	921	5.48	5,291
1969.....	1,032	8,256	64	968	6.15	6,350
1970.....	1,110	8,880	71	1,039	6.83	7,575
1971.....	962	7,696	60	902	7.10	6,826
1972.....	1,099	8,792	57	1,042	8.79	9,670
1973.....	857	6,856	47	810	9.35	8,018
1974.....	1,087	8,696	70	1,017	9.91	10,768
1975.....	1,201	9,608	91	1,110	10.90	12,728
1976.....	927	7,416	84	843	11.48	10,458
1977 <sup>3</sup> .....	1,221	9,708	73	1,148	12.00	14,061

<sup>1</sup> Includes sirup later made into sugar.<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1972*, table 137.

Table 128.—Maple sirup: Production, by States, 1975-77

State	Sirup made <sup>1</sup>			State	Sirup made <sup>1</sup>		
	1975	1976	1977		1975	1976	1977
	1,000 gallons	1,000 gallons	1,000 gallons		1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	9	7	8	Pa.....	97	40	47
Mass.....	31	27	27	Vt.....	353	334	437
Mich.....	98	69	90	Wis.....	62	66	130
N.H.....	71	57	74	U.S.....	1,301	927	1,221
N.Y.....	366	277	320				
Ohio.....	114	56	88				

<sup>1</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 129.—Maple sirup: Production, farm disposition, and value, by States, crop of 1977 (preliminary) <sup>1</sup>

State	Production	Disposition on farms where grown		Season average price per gallon	Value of—	
		Home use	Sold		Production	Sales
	1,000 gallons	1,000 gallons	1,000 gallons	Dollars	1,000 dollars	1,000 dollars
Maine.....	8	1	7	15.50	124	109
Mass.....	27	1	26	14.20	383	369
Mich.....	90	4	86	13.40	1,206	1,152
N.H.....	74	6	68	14.60	1,080	993
N.Y.....	320	20	300	11.10	3,552	3,330
Ohio.....	88	7	81	12.00	1,056	972
Pa.....	47	3	44	12.00	564	528
Vt.....	437	26	411	12.20	5,331	5,014
Wis.....	130	5	125	10.50	1,365	1,313
U.S.....	1,221	73	1,148	12.00	14,661	13,780

<sup>1</sup> Does not include quantities produced on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 130.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1963-77

Year	Number of colonies	Honey yield per colony	Production		Prices	
			Honey	Beeswax	All honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Cents	Cents
1963.....	4,849	55.0	266,778	4,828	18.0	44.2
1964.....	4,840	51.9	251,188	4,672	18.6	44.3
1965.....	4,718	51.3	241,849	4,697	17.8	44.9
1966.....	4,646	52.0	241,576	4,615	17.4	46.5
1967.....	4,635	46.6	215,780	4,386	15.6	58.8
1968.....	4,539	42.2	191,391	3,797	16.9	61.6
1969.....	4,433	60.3	267,483	5,171	17.5	61.1
1970.....	4,290	51.7	221,842	4,377	17.4	60.2
1971.....	4,110	48.0	197,428	3,585	21.8	61.3
1972.....	4,068	52.6	214,079	3,988	30.2	62.1
1973.....	4,103	57.9	237,657	4,231	44.4	74.4
1974.....	4,195	44.1	185,079	3,405	51.0	114.0
1975.....	4,181	47.3	197,938	3,370	50.6	102.0
1976.....	4,278	46.4	198,699	3,361	49.9	112.0
1977 <sup>1</sup> .....	4,318	40.9	176,447	3,067	53.0	157.0

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 141.

Table 131.—Honey: United States imports for consumption, by country of origin, 1975-77

Continent and country of origin	1975	1976	1977 <sup>1</sup>	Continent and country of origin	1975	1976	1977 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe:			
Canada.....	3,295	2,480	6,830	Belgium and Luxembourg.....	3	0	18
Dominican Republic.....	333	336	351	Germany, Fed. Rep. of.....	11	18	21
El Salvador.....	62	293	439	Greece.....	9	48	31
Guatemala.....	193	380	523	Netherlands.....	1	23	1
Mexico.....	6,121	14,065	14,839	Spain.....	53	( <sup>2</sup> )	10
Other countries.....	118	373	260	United Kingdom.....	3	2	6
Total.....	10,122	17,876	23,251	Other countries.....	27	62	18
				Total.....	107	153	103
South America:				Asia and Oceania:			
Argentina.....	5,644	8,387	4,144	Australia.....	2,293	1,205	20
Brazil.....	1,799	914	1,003	China, People's Rep. of.....	208	254	286
Chile.....	148	318	20	New Zealand.....	290	284	35
Colombia.....	94	172	1	Other countries.....	62	92	6
Venezuela.....	80	146	25	Total.....	2,853	1,835	350
Other countries.....	191	180	18				
Total.....	7,956	10,097	5,211	Africa, total.....	0	159	66
				Total.....	21,038	30,120	28,981

<sup>1</sup> Preliminary.

<sup>2</sup> Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 132.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1976 and 1977

State	1976				1977			
	Number of colonies	Honey yield per colony	Production		Number of colonies	Honey yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Thousands	Pounds	1,000 pounds	1,000 pounds
Ala.	45	22	990	27	49	23	1,127	29
Ariz.	59	57	3,383	50	80	47	2,820	45
Ark.	68	33	2,244	28	70	30	2,100	36
Calif.	525	26	13,650	314	525	26	13,650	205
Colo.	41	61	2,501	48	41	67	2,747	53
Conn.	8	23	184	6	8	28	224	4
Del.	1	35	35	1	3	30	90	2
Fla.	390	76	27,390	465	360	40	14,400	216
Ga.	139	22	3,058	43	150	25	3,750	49
Hawaii	7	102	714	9	7	97	679	11
Idaho	109	39	4,251	72	103	46	4,738	74
Ill.	45	42	1,890	32	44	40	1,760	30
Ind.	80	27	2,160	48	79	39	3,081	60
Iowa	80	83	6,640	100	82	74	6,068	97
Kans.	80	52	2,600	55	82	46	2,392	48
Ky.	60	20	1,200	20	53	22	1,166	21
La.	36	37	1,332	24	36	35	1,260	24
Maine	5	22	110	2	5	18	90	2
Md.	13	29	377	8	13	22	286	8
Mass.	12	19	228	4	12	22	264	5
Mich.	110	50	5,500	88	105	54	5,670	85
Minn.	155	92	14,260	228	150	80	12,000	228
Miss.	59	23	1,357	27	59	23	1,387	34
Mo.	110	50	5,500	33	116	48	5,568	139
Mont.	85	112	9,520	162	96	87	8,472	104
Nebr.	138	50	6,900	131	144	50	7,200	144
Nev.	9	55	495	7	10	55	550	9
N.H.	4	29	116	3	4	28	112	2
N.J.	37	28	1,036	18	36	28	1,008	16
N. Mex.	16	59	944	11	17	33	561	10
N.Y.	120	40	4,800	77	120	31	3,720	67
N.C.	210	20	4,200	59	205	25	5,125	97
N. Dak.	125	120	15,000	225	120	88	10,560	148
Ohio	107	24	2,568	36	97	26	2,522	43
Okla.	67	40	2,680	56	65	34	2,210	42
Oreg.	48	29	1,392	25	56	37	2,072	35
Pa.	93	31	2,882	46	93	31	2,883	46
R.I.	1	26	26	1	1	30	30	1
S.C.	56	19	1,064	22	60	18	1,080	22
S. Dak.	155	58	8,990	153	160	58	9,280	158
Tenn.	156	24	3,744	75	160	22	3,520	64
Tex.	200	47	9,400	150	210	43	9,030	163
Utah	47	29	1,362	20	48	50	2,400	38
Vt.	7	43	301	4	8	24	192	2
Va.	78	22	1,716	24	80	20	1,600	22
Wash.	95	25	2,375	48	91	44	4,004	68
W. Va.	94	19	1,786	25	89	20	1,780	25
Wis.	117	88	10,296	165	125	77	9,625	164
Wyo.	36	100	3,600	76	41	64	2,624	50
U.S.	4,278	46.4	198,899	3,361	4,318	40.9	176,447	3,067

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 133.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1976 and 1977

State	Honey prices							Beeswax prices, 1977	
	Wholesale, extracted, 1977			Retail, extracted, 1977	All <sup>1</sup> comb, 1977	All <sup>1</sup> chunk, 1977	All honey		
	Bulk	Packaged	All				1976	1977	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.	0.44	0.56	0.47	0.53	0.59	0.74	0.598	0.616	1.44
Aris.	.40	.59	.41	.72			.418	.421	1.37
Ark.	.44	.72	.45	.85	.93	.83	.471	.466	1.53
Calif.	.42	.53	.42	.57			.407	.425	1.65
Colo.	.46	.69	.50	.74	1.17		.485	.523	1.66
Conn.		.99	.99	1.08			.981	1.06	1.50
Del.	.63	.72	.71	.94	1.24	1.18	.794	.897	1.68
Fla.	.40	.58	.41	.69	.92	.87	.424	.442	1.81
Ga.	.41	.79	.42	1.00	.83	.84	.491	.513	1.50
Hawaii	.45	.80	.45	.69			.505	.454	1.26
Idaho	.47	.62	.47	.63			.476	.480	1.46
Ill.	.53	.71	.59	.87	1.11	1.00	.647	.644	1.55
Ind.	.56	.79	.65	.88	1.17	1.17	.695	.756	1.52
Iowa	.49	.64	.50	.77	1.00	.88	.490	.512	1.50
Kans.	.46	.71	.47	.74			.466	.485	1.86
Ky.	.64	.81	.65	.98	1.00	.97	.751	.826	1.41
La.	.39	.66	.40	.84			.461	.443	1.06
Maine		.76	.76	.93	1.25	1.50	.610	.858	1.40
Md.	.62	.76	.71	.90	1.18	1.08	.665	.772	1.68
Mass.		.89	.89	1.11	1.43	1.50	1.01	1.03	1.50
Mich.	.45	.63	.47	.77	.99		.507	.498	1.65
Minn.	.46	.68	.46	.71	1.07	.81	.476	.470	1.55
Miss.	.41	.83	.46	.90	1.00	.83	.508	.588	1.62
Mo.	.53	.77	.54	.93	1.05	1.00	.590	.640	1.55
Mont.	.52	.73	.53	.82	1.29		.469	.539	1.73
Nebr.	.45	.65	.45	.75			.440	.458	1.86
Nev.	.54	.73	.54	.86	1.03	1.08	.553	.672	1.75
N.H.		.94	.94	1.03	1.34	1.11	1.02	1.04	1.50
N.J.	.57	.75	.71	1.02	1.28	1.28	.763	.825	1.70
N. Mex.	.41	.68	.43	.81			.484	.448	1.47
N.Y.	.51	.74	.52	.84	1.14	1.13	.532	.558	1.61
N.C.	.60	.80	.72	1.04	1.15	1.06	.713	.793	1.29
N. Dak.	.49	.67	.49	.72			.492	.490	1.63
Ohio	.57	.82	.59	.94	1.14	1.04	.574	.635	1.62
Okla.	.47	.79	.50	.92			.593	.652	1.60
Oreg.	.48	.62	.49	.71	1.00		.481	.509	1.65
Pa.	.51	.76	.56	.86	1.02	.91	.615	.656	1.58
R.I.		1.00	1.00	1.13			.975	1.08	1.50
S.C.	.58	.76	.74	.90	1.00	.88	.767	.805	1.53
S. Dak.	.44	.67	.45	.80			.458	.450	1.49
Tenn.	.63	.97	.70	1.01	1.01	1.15	.667	.802	1.84
Tex.	.42	.61	.42	.74			.458	.450	1.55
Utah	.50	.52	.51	.59	1.00	.85	.502	.532	1.61
Vt.	.63	.88	.87	.97	1.04	1.00	.843	.886	1.50
Va.	.45	.66	.50	.95	.85	.89	.586	.657	1.50
Wash.	.50	.63	.51	.74			.460	.530	1.62
W. Va.	.53	.78	.60	1.03	1.04	1.03	.787	.939	1.70
Wis.	.46	.68	.49	.74	1.07		.508	.513	1.65
Wyo.	.50	.59	.50	.65			.454	.501	1.53
U.S.	.472	.672	.494	.774	1.04	.958	.499	.530	1.57

<sup>1</sup> Prices for wholesale and retail comb and chunk honey discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



**Table 134.—Honey and beeswax: Average wholesale prices for specified types and locations, 1968-77 <sup>1</sup>**

Item and location	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
<b>EXTRACTED HONEY, PER POUND <sup>2</sup></b>										
Florida Extra Light Amber to White, Orange.....	Cents 15.5	Cents 17.8	Cents 14.2	Cents 20.0	Cents 31.2	Cents 36.0	Cents 40.0	Cents 40.5	Cents 39.3	Cents 40.6
California:										
White to Water White, Orange.....	12.1	13.1	14.7	19.8	30.7	36.5	42.1	41.2	41.0	43.5
Light Amber to Extra Light Amber, Alfalfa.....	11.3	12.3	14.5	20.0	28.9	43.0	41.4	39.8	37.3	39.4
Western States: <sup>3</sup>										
White to Water White, Clover and Alfalfa.....	13.6	15.0	14.4	18.5	29.9	45.3	48.3	44.2	44.3	44.3
New York and North Central States:										
White to Water White, Clover and Alfalfa.....	14.2	14.8	14.6	19.0	31.2	40.8	47.1	45.8	44.2	44.5
<b>BEESWAX, PER POUND <sup>4</sup></b>										
California.....	61.1	66.0	55.6	58.9	59.9	68.9	108.9	107.8	114.4	155.7
North Central States.....	63.2	66.3	60.3	63.5	68.7	72.9	111.2	98.4	122.8	168.2
Florida and Georgia.....	60.4	72.4	65.0	61.8	65.2	73.7	115.3	93.7	111.1	160.0

<sup>1</sup> Simple average of average monthly prices, 1968-74; weighted average of monthly prices, 1975-77.<sup>2</sup> Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.<sup>3</sup> Data do not include California prior to 1970.<sup>4</sup> "Dark" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Agricultural Marketing Service.

**Table 135.—Beeswax, crude: United States imports for consumption, by country of origin, 1975-77**

Continent and country of origin	1975	1976	1977 <sup>1</sup>	Continent and country of origin	1975	1976	1977 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	92	147	182	Portugal.....	26	20	10
Dominican Republic.....	150	138	154	Spain.....	0	22	12
El Salvador.....	3	0	1	Other countries.....	( <sup>2</sup> )	21	( <sup>2</sup> )
Haiti.....	17	39	25	Asia and Oceania:			
Mexico.....	113	158	331	Australia.....	0	23	0
Other countries.....	0	0	0	China, People's Rep. of.....	0	1	0
South America:				New Zealand.....	9	6	6
Brazil.....	252	180	187	Other countries.....	( <sup>2</sup> )	0	0
Chile.....	152	351	214	Total.....	1,039	1,412	1,293
Africa:							
Angola.....	50	0	0				
Egypt.....	5	0	45				
Ethiopia.....	170	246	126				
Tanzania.....	0	60	0				
Other countries.....	0	0	0				

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 136.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1963-77

Year	Production <sup>1</sup>					Imports					
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>2</sup>	Honey	Total
	Corn	Cane	Maple <sup>3</sup>	Refiners	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1963	215,573	2,702	1,143	2,789	2,772	22,647	247,608	1,068	1,706	221	2,995
1964	238,832	2,814	1,546	2,862	2,685	21,323	270,062	666	2,119	417	3,202
1965	243,682	2,989	1,266	2,994	2,648	20,427	274,006	879	3,349	1,127	5,355
1966	282,337	2,923	1,476	2,493	2,563	20,403	282,195	938	3,061	806	4,805
1967	258,860	2,121	979	2,402	2,477	18,225	282,064	1,147	1,065	1,416	3,628
1968	274,000	2,346	983	2,561	2,466	16,165	298,521	988	3,732	1,427	6,147
1969	282,000	2,661	1,032	2,335	2,532	22,591	313,051	1,185	2,366	1,244	4,695
1970	292,000		1,110	1,695	2,121	18,736	315,682	956	2,166	749	3,870
1971	304,000		962	1,883	2,517	16,674	326,036	577	2,470	967	4,014
1972	387,880		1,099	2,077	2,290	16,081	411,427	710	1,694	3,291	5,695
1973	451,264		857	2,309	1,926	20,072	476,428	803	2,935	900	4,638
1974	498,313		1,087	2,564	1,559	15,632	519,155	801	2,508	2,196	5,505
1975	561,215		1,207	2,482	2,114	16,717	583,735	607	2,483	3,917	7,007
1976	615,498		927	2,403	2,574	16,782	638,184	886	3,188	5,808	9,682
1977 <sup>4</sup>	695,196		1,221	2,197	2,538	14,891	716,043	867	1,638	5,396	8,201

Year	Exports				Indicated domestic consumption					
	Corn sirup	Edible molasses and sirup, including maple <sup>5</sup>	Honey	Total	Sirups			Honey	Total	
					Corn	Maple	Cane and refiners' sirup and edible molasses			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1963	2,055	192	2,125	4,372	213,518	2,211	9,757	20,743	246,229	
1964	1,632	205	760	2,597	227,200	2,212	10,275	20,980	270,667	
1965	1,003		1,166	2,169	242,679	2,145	11,590	20,388	277,192	
1966	1,038		1,219	2,257	251,299	2,414	11,040	19,990	284,743	
1967	1,113		986	2,099	254,747	2,126	8,065	18,655	283,593	
1968	1,541		684	2,225	272,459	1,971	11,105	16,908	302,443	
1969	2,169		833	3,002	279,831	2,217	9,694	23,002	314,744	
1970	1,324		688	2,012	290,676	2,066	5,981	18,767	317,520	
1971	1,324		640	1,964	302,676	1,839	6,870	17,001	326,086	
1972	1,208		346	1,551	386,675	1,809	6,061	21,026	415,571	
1973	1,277		1,484	2,861	449,887	1,660	7,170	19,488	478,205	
1974	1,736		286	2,122	496,577	1,888	6,631	17,442	522,538	
1975	1,070		337	1,407	580,145	1,814	7,079	20,297	589,338	
1976	1,674		296	2,070	613,824	1,813	8,165	21,994	645,796	
1977 <sup>4</sup>	1,543		466	2,009	693,653	2,088	6,673	19,821	722,235	

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series, less liquid sugar imports reported to Sugar Division, Agricultural Stabilization and Conservation Service.<sup>4</sup> Unofficial estimates, 1965-71; estimates for 1972-77 from U.S. International Trade Commission Publication 581, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.<sup>5</sup> Preliminary.<sup>6</sup> Assumed to be largely refiners' sirup. Beginning 1965, data not available because of change in export classification.Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-62 in *Agricultural Statistics, 1972*, table 139.

Table 137.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1963–77

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1963.....	89,876	124,602	35,180	5,396	27,939	282,963	51,563	16,590	68,153
1964.....	103,287	132,993	34,888	4,489	29,992	304,739	52,653	18,190	70,843
1965.....	84,722	116,589	36,915	5,564	26,740	273,530	51,861	21,104	72,965
1966.....	82,952	113,735	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967.....	97,296	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,281
1968.....	87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,165
1969.....	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970.....	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971.....	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972.....	125,993	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973.....	112,360	185,138	44,900	9,837	23,000	345,235	51,025	.....	51,025
1974.....	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975.....	125,430	188,175	45,000	10,178	24,500	393,283	49,349	.....	49,349
1976 <sup>1</sup> .....	131,746	175,000	50,312	5,802	20,500	383,360	46,808	82	46,890
1977 <sup>1</sup> .....	114,651	165,000	50,668	5,183	18,200	353,702	42,144	.....	42,144

  

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1963.....	1,833	42,926	93,175	132,489	270,423	6,475	616,064
1964.....	.....	32,591	85,404	147,426	265,421	4,339	637,694
1965.....	.....	41,239	95,564	131,123	268,016	2,536	611,975
1966.....	.....	47,833	99,312	167,312	314,157	1,586	650,029
1967.....	19,935	40,171	130,705	159,737	350,548	996	683,492
1968.....	17,862	28,914	94,335	226,980	368,091	3,077	738,170
1969.....	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970.....	32,633	34,325	81,387	233,514	381,859	1,447	787,087
1971.....	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972.....	42,944	45,871	116,437	201,894	406,546	3,082	828,435
1973.....	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974.....	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975.....	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976.....	45,798	27,513	79,810	258,073	411,194	11,215	830,229
1977 <sup>1</sup> .....	35,335	30,629	88,857	226,393	381,214	22,892	784,162

<sup>1</sup> Preliminary.<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.Agricultural Marketing Service. Data for 1949–62 in *Agricultural Statistics, 1972*, table 140.

Table 138.—Tobacco: Area, yield, production, and value, United States, 1963-77

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1963	1,175,730	1,994	2,343,799	87.7	1,352,053
1964	1,077,810	2,067	2,227,932	89.2	1,318,945
1965	976,930	1,808	1,854,568	85.1	1,206,735
1966	971,890	1,939	1,884,627	70.9	1,252,351
1967	959,770	2,050	1,967,911	66.8	1,318,500
1968	879,280	1,945	1,710,348	69.5	1,188,610
1969	918,320	1,964	1,803,272	71.8	1,295,535
1970	898,330	2,122	1,906,453	72.9	1,389,311
1971	837,690	2,035	1,704,884	78.6	1,330,644
1972	842,420	2,076	1,749,085	83.0	1,451,275
1973	886,590	1,965	1,742,105	90.1	1,599,440
1974	962,620	2,067	1,999,728	108.6	2,159,875
1975	1,086,350	2,006	2,181,775	102.6	2,238,002
1976	1,044,520	2,045	2,135,829	112.5	2,403,723
1977 <sup>2</sup>	957,650	1,997	1,912,187	116.9	2,235,773

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1972*, table 147.

Table 139.—Tobacco: Area, yield, and production, by States, 1975-77

State	Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala.	700	640	550	1,700	1,900	1,900	1,190	1,152	1,045
Conn.	4,450	4,550	3,900	1,435	1,590	1,606	6,387	7,189	5,620
Fla.	14,490	14,350	11,840	2,042	2,148	2,094	29,595	30,528	24,798
Ga.	75,130	68,000	65,000	2,010	1,820	2,075	180,978	123,760	134,875
Ind.	7,500	7,800	6,900	2,280	2,420	2,400	16,950	18,150	16,860
Ky.	209,700	207,000	196,750	2,275	2,403	2,297	456,654	497,401	452,024
La.	150	140	140	400	880	60	60	98	119
Md.	23,000	23,000	23,000	950	1,300	1,300	31,850	29,900	29,900
Mass.	1,420	1,210	1,160	1,373	1,525	1,643	1,950	1,845	1,906
Mo.	2,700	2,400	2,500	2,270	2,190	2,340	6,129	5,256	5,850
N.C.	479,500	448,000	392,600	1,996	2,015	1,898	956,995	902,930	744,525
Ohio	11,300	11,100	10,400	2,097	2,103	2,143	23,698	23,543	22,253
Pa.	12,000	13,500	13,500	1,650	1,750	1,940	19,800	23,625	26,190
S.C.	90,000	75,000	68,000	2,100	2,045	2,040	189,000	153,375	138,720
Tenn.	66,030	68,450	68,460	2,038	2,040	1,997	134,569	139,668	136,746
Va.	84,530	86,780	79,700	1,681	1,773	1,794	142,054	153,878	142,985
W. Va.	1,750	1,900	1,600	1,780	1,790	2,020	3,115	3,222	2,232
Wis.	11,000	11,100	12,050	1,891	1,821	2,059	20,801	20,209	24,899
U.S.	1,086,350	1,044,520	957,650	2,006	2,045	1,997	2,181,775	2,135,829	1,912,187

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1975-77

Continent and country	Area harvested			Yield per hectare			Production <sup>1</sup>		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Kilo- grams	Kilo- grams	Kilo- grams	Metric tons	Metric tons	Metric tons
<b>North America:</b>									
Canada.....	41,611	37,417	42,262	2,549	2,178	2,448	106,054	81,499	103,448
Costa Rica.....	2,171	2,348	2,348	1,366	1,270	1,270	2,749	2,981	2,981
Cuba.....	68,621	60,194	60,000	727	761	780	49,896	45,824	46,000
Dominican Republic.....	16,463	25,000	27,300	918	1,840	1,319	15,121	46,000	36,000
El Salvador.....	1,553	1,310	1,390	1,389	1,300	1,429	2,157	1,703	1,988
Guatemala.....	4,500	5,431	5,273	1,849	1,422	1,466	6,972	7,724	7,732
Haiti.....	183	312	385	1,082	1,109	1,119	198	348	431
Honduras.....	3,791	4,108	4,672	1,644	1,584	1,618	6,233	6,598	7,561
Jamaica.....	779	884	900	1,306	1,354	1,333	1,019	1,197	1,200
Mexico.....	39,000	39,423	37,800	1,320	1,632	1,821	51,480	64,340	57,200
Nicaragua.....	830	1,805	1,875	1,672	1,573	1,644	1,388	2,839	3,083
Panama.....	690	850	850	1,300	1,465	1,465	897	1,245	1,245
Trinidad and Tobago.....	229	209	109	939	708	917	215	148	100
United States (incl. Puerto Rico).....	441,369	424,187	390,707	2,232	2,289	2,237	993,996	970,920	874,177
<b>Total.....</b>	<b>621,790</b>	<b>603,478</b>	<b>575,672</b>	<b>1,992</b>	<b>2,044</b>	<b>1,984</b>	<b>1,238,375</b>	<b>1,233,272</b>	<b>1,142,144</b>
<b>South America:</b>									
Argentina.....	91,486	78,900	73,000	1,058	1,199	1,131	96,788	94,600	82,531
Brazil.....	228,600	256,000	266,000	1,249	1,079	1,055	285,906	276,100	280,800
Bolivia.....	2,135	2,030	2,005	1,303	1,099	1,132	2,569	2,230	2,270
Chile.....	4,424	3,722	3,937	1,888	2,062	2,052	8,354	7,673	8,090
Colombia.....	31,300	29,385	34,896	1,380	1,315	1,820	45,700	38,621	63,510
Ecuador.....	1,646	1,074	1,805	991	1,184	1,070	1,466	1,272	1,931
Guyana.....	58	81	101	2,734	1,284	1,119	158	104	113
Paraguay.....	22,000	33,000	30,000	1,091	1,388	1,333	24,000	45,800	40,000
Peru.....	5,300	3,500	3,600	906	1,286	1,111	4,800	4,500	4,000
Uruguay.....	880	898	998	1,401	1,517	1,766	1,205	1,362	1,762
Venezuela.....	11,064	13,002	14,125	1,421	1,243	1,310	15,721	16,160	18,500
<b>Total.....</b>	<b>398,873</b>	<b>421,572</b>	<b>430,467</b>	<b>1,219</b>	<b>1,159</b>	<b>1,169</b>	<b>498,347</b>	<b>488,423</b>	<b>503,197</b>
<b>Europe:</b>									
Belgium.....	486	480	450	3,239	3,039	3,200	1,584	1,398	1,440
France.....	20,494	21,705	22,053	2,748	2,838	2,412	56,225	61,600	53,200
Germany, Fed. Rep. of.....	3,837	3,911	3,736	2,329	2,580	2,562	8,937	10,046	9,570
Italy.....	56,539	66,004	64,813	2,006	1,646	1,693	113,445	108,642	109,700
<b>Total EC.....</b>	<b>81,359</b>	<b>92,080</b>	<b>91,052</b>	<b>2,216</b>	<b>1,973</b>	<b>1,910</b>	<b>180,261</b>	<b>181,636</b>	<b>173,910</b>
Austria.....	230	237	230	1,648	2,468	2,522	412	585	580
Greece.....	98,192	120,712	109,648	1,304	1,150	1,024	118,193	138,834	112,330
Portugal (incl. Azores).....	357	562	878	1,050	1,338	1,418	375	752	1,245
Spain.....	16,143	15,859	15,481	1,669	1,424	1,558	26,945	28,562	24,118
Switzerland.....	798	737	740	1,980	2,714	2,500	1,580	2,000	1,850
<b>Total Western Europe.....</b>	<b>197,097</b>	<b>229,987</b>	<b>218,029</b>	<b>1,663</b>	<b>1,532</b>	<b>1,440</b>	<b>327,776</b>	<b>352,419</b>	<b>314,033</b>
Albania.....	23,877	24,000	24,000	532	542	542	12,701	13,000	13,000
Bulgaria.....	119,760	131,000	124,000	1,261	1,275	1,210	151,001	167,000	150,000
Czechoslovakia.....	5,706	3,510	3,500	1,489	1,509	1,514	8,500	5,298	5,300
German Dem. Rep.....	4,432	4,500	4,500	1,523	1,556	1,556	6,804	7,000	7,000
Hungary.....	15,800	15,409	16,500	1,064	1,238	1,152	16,800	19,077	19,000
Poland.....	30,400	30,500	30,000	2,030	2,086	2,000	102,300	124,100	100,000
Romania.....	53,500	54,000	50,000	804	1,167	900	43,000	63,000	45,000
Yugoslavia.....	61,432	60,413	64,000	1,139	1,080	975	70,000	75,000	62,400
<b>Total Eastern Europe.....</b>	<b>332,721</b>	<b>361,332</b>	<b>336,500</b>	<b>1,226</b>	<b>1,310</b>	<b>1,194</b>	<b>407,906</b>	<b>473,473</b>	<b>401,700</b>
<b>Total Europe.....</b>	<b>529,818</b>	<b>591,319</b>	<b>554,529</b>	<b>1,389</b>	<b>1,397</b>	<b>1,291</b>	<b>735,682</b>	<b>825,892</b>	<b>715,733</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>189,000</b>	<b>166,000</b>	<b>185,000</b>	<b>1,577</b>	<b>1,825</b>	<b>1,622</b>	<b>298,000</b>	<b>303,000</b>	<b>300,000</b>
<b>Africa:</b>									
Algeria.....	10,724	9,000	9,000	550	187	444	5,897	1,680	4,000
Angola.....	5,990	5,000	6,000	1,166	1,142	1,142	6,886	6,550	6,850
Burundi-Rwanda.....	2,023	2,023	2,000	785	785	800	1,588	1,588	1,600
Cameroon.....	7,000	6,900	6,900	857	870	870	6,001	6,000	6,000
Congo.....	4,039	4,000	4,000	421	425	425	1,701	1,700	1,700
Ghana.....	3,238	2,800	2,550	724	723	843	2,343	2,032	2,150
Ivory Coast.....	8,350	8,400	8,400	287	298	298	2,400	2,500	2,500
Kenya.....	672	2,832	3,800	298	548	650	200	1,551	2,470
Libya.....	932	932	930	1,606	1,606	1,613	1,497	1,497	1,500
Madagascar.....	5,538	5,640	6,000	1,151	715	1,030	6,375	4,030	6,300

See footnotes at end of table.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1975-77—Continued

Continent and country	Area harvested			Yield per hectare			Production <sup>1</sup>		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Kilo- grams	Kilo- grams	Kilo- grams	Metric tons	Metric tons	Metric tons
<b>Africa—Continued</b>									
Malawi.....	56,657	64,380	72,000	820	592	742	35,126	38,137	53,400
Mauritius.....	397	397	409	1,562	1,562	1,550	620	620	630
Morocco.....	3,450	4,140	4,662	1,145	1,357	1,373	3,950	5,617	6,490
Mozambique.....	2,420	2,820	2,500	1,071	1,071	1,080	2,700	2,700	2,700
Nigeria.....	31,984	27,702	19,080	550	368	448	17,595	10,188	8,545
Sierra Leone.....	163	229	287	1,172	1,341	1,265	191	307	363
Southern Rhodesia.....	55,005	58,000	53,000	1,701	1,783	1,662	94,575	103,400	88,100
South Africa.....	35,810	38,731	41,825	788	829	922	27,490	32,090	38,570
Tanzania.....	28,900	26,900	27,000	540	696	705	15,602	18,714	20,550
Tunisia.....	3,510	3,000	3,000	1,242	1,333	1,333	4,359	4,000	4,000
Uganda.....	2,833	2,850	2,600	785	784	799	2,223	2,000	2,000
Zambia.....	8,811	7,510	6,700	791	862	913	6,967	6,476	6,114
Zaire.....	2,690	2,015	2,168	836	775	656	2,249	2,258	1,430
<b>Total.....</b>	<b>281,836</b>	<b>287,501</b>	<b>284,800</b>	<b>882</b>	<b>890</b>	<b>941</b>	<b>248,635</b>	<b>255,953</b>	<b>267,952</b>
<b>Asia:</b>									
Bangladesh.....	49,201	46,197	60,532	908	904	843	39,732	44,462	51,000
Burma.....	64,347	64,547	64,000	1,163	1,163	1,172	74,844	74,844	75,000
China, People's Rep. of.....	745,850	775,000	780,000	1,287	1,252	1,250	969,812	970,000	975,000
China, Rep. of.....	8,594	10,257	9,992	2,107	2,877	2,471	18,109	28,433	24,695
Cyprus.....	1,670	484	508	396	657	672	661	318	340
India.....	409,148	368,200	431,600	955	950	980	394,800	349,800	414,200
Indonesia.....	174,905	159,999	165,000	470	501	509	82,158	80,097	84,000
Iran.....	11,092	16,035	22,245	992	1,102	1,032	11,001	17,666	22,960
Iraq.....	17,401	17,400	16,800	800	800	571	10,432	10,432	9,600
Israel.....	1,290	1,700	1,800	814	829	828	1,050	900	990
Japan.....	58,477	63,531	64,517	2,834	2,782	2,728	165,705	176,159	176,013
Jordan.....	4,900	2,760	3,500	220	279	380	1,080	771	1,260
Kambodia.....	12,140	12,140	12,000	598	598	608	7,257	7,257	7,300
Korea, Rep. of.....	85,912	84,745	62,792	1,933	2,038	2,205	104,233	111,566	138,480
Laos.....	6,879	6,879	7,000	587	587	596	4,037	4,037	4,100
Lebanon.....	7,500	7,500	3,500	1,373	1,067	1,143	10,300	8,000	4,000
Malaysia.....	12,343	8,249	12,140	790	566	673	9,752	4,569	8,165
Pakistan.....	47,264	46,786	48,259	1,651	1,297	1,490	78,019	60,678	71,915
Philippines.....	81,330	111,500	110,000	815	798	766	66,270	89,002	84,300
Singapore.....	277	222	214	1,336	1,211	1,210	370	270	259
Sri Lanka.....	9,805	9,915	9,500	575	664	684	5,633	6,579	6,500
Syria.....	15,280	16,620	17,500	753	722	800	11,500	12,000	14,000
Thailand.....	143,129	146,298	151,100	486	463	460	69,534	67,672	69,459
Turkey.....	357,000	322,600	257,000	584	678	809	208,604	315,358	223,400
Vietnam.....	9,000	9,000	11,500	933	933	937	8,401	8,401	11,000
<b>Total.....</b>	<b>2,302,730</b>	<b>2,281,165</b>	<b>2,322,997</b>	<b>1,018</b>	<b>1,073</b>	<b>1,067</b>	<b>2,343,294</b>	<b>2,447,871</b>	<b>2,477,866</b>
<b>Oceania:</b>									
Australia.....	9,301	9,499	9,800	1,711	1,594	1,700	15,916	15,146	16,663
New Zealand.....	1,827	1,776	1,740	1,823	1,886	1,699	3,330	3,349	2,904
<b>Total.....</b>	<b>11,128</b>	<b>11,275</b>	<b>11,540</b>	<b>1,730</b>	<b>1,640</b>	<b>1,696</b>	<b>19,246</b>	<b>18,495</b>	<b>19,567</b>
<b>World total.....</b>	<b>4,335,175</b>	<b>4,362,310</b>	<b>4,365,005</b>	<b>1,211</b>	<b>1,277</b>	<b>1,243</b>	<b>5,369,579</b>	<b>5,572,405</b>	<b>5,426,459</b>

<sup>1</sup> Preliminary.<sup>2</sup> Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1969-77 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total fire-cured, types 11-14:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1969.....	576,530	1,825	1,082,806	2,100,113	3,182,919	1,180,488	534,636	645,853	72.4
1970.....	584,070	2,042	1,192,961	1,972,431	3,165,392	1,173,441	833,998	839,443	72.0
1971.....	825,790	2,050	1,077,790	1,876,489	3,054,249	1,142,583	490,039	662,544	77.2
1972.....	813,620	1,971	1,012,417	1,010,176	2,932,236	1,182,982	518,810	664,182	85.3
1973.....	875,130	2,011	1,186,689	1,749,294	2,908,286	1,301,002	598,048	702,954	88.1
1974.....	816,330	2,014	1,241,327	1,607,284	2,905,953	1,200,428	648,293	685,133	106.0
1975.....	717,200	1,973	1,415,035	1,681,968	3,067,000	1,193,078	822,454	670,624	99.8
1976.....	666,640	1,974	1,316,287	1,898,300	2,214,587	1,148,282	614,228	634,024	110.4
1977 <sup>4</sup> .....	589,250	1,917	1,129,710	2,066,066	3,188,776				117.6
<b>Total fire-cured, types 21-23:</b>									
1969.....	23,960	1,702	40,773	82,622	123,295	49,656	29,555	20,101	48.9
1970.....	22,680	1,635	37,074	73,639	110,713	48,500	32,971	15,529	54.0
1971.....	24,510	1,775	43,511	62,213	106,724	41,243	22,180	10,050	60.0
1972.....	25,190	1,677	42,248	64,481	106,729	41,844	26,363	15,481	58.1
1973.....	21,320	1,568	33,385	64,885	98,270	46,070	28,681	17,409	72.3
1974.....	21,190	1,404	31,867	82,200	84,067	35,990	20,791	15,199	91.2
1975.....	23,280	1,601	37,455	48,077	85,512	35,489	21,927	13,562	103.2
1976.....	26,500	1,453	38,516	50,023	88,539	40,646	27,503	13,143	128.9
1977 <sup>4</sup> .....	32,760	1,898	82,366	47,893	100,239				121.5
<b>Virginia fire-cured, type 21:</b>									
1969.....	5,000	1,340	6,700	9,851	15,551	6,754	5,653	1,701	83.1
1970.....	5,000	1,230	6,150	9,797	15,947	6,988	4,635	2,353	82.0
1971.....	5,000	1,180	5,900	8,959	14,850	6,593	3,501	3,092	54.8
1972.....	4,800	970	4,656	8,206	12,922	5,294	4,066	1,228	64.2
1973.....	4,700	1,205	5,664	7,628	13,292	6,191	4,455	1,736	78.5
1974.....	5,000	1,185	5,925	7,101	13,026	5,997	4,986	711	81.7
1975.....	5,000	975	4,875	7,329	12,204	4,796	3,381	1,388	93.0
1976.....	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,965	118.0
1977 <sup>4</sup> .....	7,200	1,000	7,200	6,688	15,658				96.3
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>									
1969.....	18,960	1,797	34,073	72,671	106,744	42,902	24,802	18,400	48.1
1970.....	17,680	1,749	30,924	63,842	94,766	41,512	28,336	13,176	54.4
1971.....	19,510	1,925	37,611	53,254	90,865	34,550	18,691	15,959	60.8
1972.....	30,390	1,844	55,602	56,215	93,807	36,550	22,297	14,253	87.3
1973.....	16,620	1,668	27,721	87,287	84,978	39,879	24,208	15,673	71.7
1974.....	16,190	1,734	28,942	45,099	71,041	30,293	18,905	14,488	93.4
1975.....	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1976.....	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,189	140.2
1977 <sup>4</sup> .....	25,560	1,767	45,166	41,235	86,401				125.6
<b>Burley, type 31:</b>									
1969.....	237,700	2,488	591,395	1,316,475	1,907,870	565,167	58,118	507,049	69.6
1970.....	216,400	2,360	560,545	1,342,703	1,903,248	557,418	54,414	503,004	72.3
1971.....	213,800	2,213	472,576	1,345,830	1,818,408	569,937	54,720	515,208	80.9
1972.....	238,580	2,552	601,006	1,248,469	1,849,476	600,629	75,616	524,013	79.2
1973.....	222,100	2,028	450,416	1,229,175	1,679,591	619,223	86,789	532,484	92.9
1974.....	200,750	2,350	612,849	1,070,965	1,683,314	586,718	67,902	518,816	113.7
1975.....	278,150	2,265	639,056	1,064,385	1,733,441	602,271	92,422	509,849	105.5
1976.....	285,800	2,376	678,976	1,180,102	1,839,078	617,458	116,535	500,563	114.2
1977 <sup>4</sup> .....	268,500	2,298	616,929	1,206,269	1,835,198				120.0
<b>Maryland, type 32:</b>									
1969.....	26,500	1,000	26,090	75,246	103,336	41,375	12,234	29,141	75.1
1970.....	27,000	1,000	29,430	61,961	91,391	39,545	11,903	27,642	78.6
1971.....	27,000	1,040	28,080	61,846	79,926	28,456	7,996	17,458	81.9
1972.....	24,000	990	23,760	84,470	78,230	28,546	12,122	15,426	84.5
1973.....	25,800	1,260	35,027	32,682	87,709	28,998	12,245	15,553	90.5
1974.....	26,000	1,260	32,783	61,711	94,464	33,458	8,474	24,984	92.8
1975.....	22,160	850	21,058	61,006	82,064	33,435	9,677	23,758	100.0
1976.....	23,000	1,300	29,900	48,629	78,529	29,763	12,460	17,294	110.0
1977 <sup>4</sup> .....	23,000	1,300	29,900	48,766	78,666				( <sup>5</sup> )

See footnotes at end of table.



Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1969-77 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total dark air-cured, types 35-37:</b>	<b>Acres</b>	<b>Pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>Cents</b>
1969.....	11,200	1,737	19,457	62,857	82,314	25,296	2,585	22,711	41.2
1970.....	9,250	1,780	16,466	57,018	75,484	20,504	2,801	17,703	48.5
1971.....	9,450	1,774	16,763	52,980	69,743	20,555	2,131	18,424	47.5
1972.....	9,050	1,798	16,273	49,188	65,461	17,542	2,471	15,071	50.7
1973.....	8,250	1,619	13,358	47,919	61,277	21,414	3,098	18,316	62.4
1974.....	7,690	1,623	12,465	39,883	52,328	17,203	3,106	14,097	77.2
1975.....	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976.....	9,590	1,695	16,856	30,284	46,120	18,394	2,491	15,819	116.1
1977 <sup>4</sup> .....	11,980	1,772	21,180	27,826	49,006				116.0
<b>One sucker, type 35:</b>									
1969.....	7,100	1,870	13,279	38,648	51,927	17,919	1,925	15,994	40.7
1970.....	5,850	1,868	10,926	34,308	45,234	13,216	2,049	11,167	47.5
1971.....	6,100	1,840	11,224	32,018	43,242	13,825	1,674	12,151	47.3
1972.....	5,750	1,842	10,590	29,417	40,007	11,977	2,004	9,973	51.6
1973.....	5,300	1,653	8,654	28,030	36,684	13,567	2,643	10,924	61.2
1974.....	4,550	1,588	7,701	23,117	30,818	11,741	2,570	9,165	75.2
1975.....	5,550	1,732	9,611	19,077	28,688	13,144	2,437	10,687	90.6
1976.....	6,600	1,590	10,403	15,544	26,037	11,836	2,062	9,774	115.8
1977 <sup>4</sup> .....	7,900	1,844	14,571	14,201	28,772				116.2
<b>Green River, type 36:</b>									
1969.....	3,000	1,610	4,830	20,418	25,248	5,865	394	5,471	39.4
1970.....	2,400	1,850	4,440	19,383	22,823	6,007	506	5,499	42.5
1971.....	2,450	1,830	4,459	17,816	22,275	5,503	273	5,230	46.4
1972.....	2,500	1,850	4,675	16,772	21,647	4,962	253	4,709	47.4
1973.....	2,250	1,680	3,780	16,685	20,465	6,693	220	6,473	63.5
1974.....	2,150	1,800	3,870	13,772	17,642	3,885	268	3,617	80.1
1975.....	2,400	1,825	4,380	13,757	18,137	5,489	149	5,329	88.3
1976.....	2,650	1,736	4,585	12,668	17,253	5,395	65	5,330	118.5
1977 <sup>4</sup> .....	3,250	1,780	5,785	11,586	17,643				117.8
<b>Virginia sun-cured, type 37:</b>									
1969.....	1,100	1,225	1,348	3,791	5,139	1,812	266	1,546	32.8
1970.....	1,000	1,100	1,100	3,327	4,427	1,281	244	1,037	33.8
1971.....	900	1,200	1,080	3,146	4,236	1,227	184	1,043	54.1
1972.....	800	1,010	868	2,999	3,807	963	214	380	57.9
1973.....	700	1,330	924	3,204	4,126	1,154	235	919	69.2
1974.....	690	1,315	894	2,974	3,895	1,577	262	1,315	82.1
1975.....	750	1,150	679	2,291	2,970	898	188	710	85.5
1976.....	680	1,115	758	2,072	2,830	1,063	354	709	105.0
1977 <sup>4</sup> .....	800	1,030	824	1,767	2,591				100.0
<b>Total continental cigar filler, types 41-44:</b>									
1969.....	21,700	1,811	39,305	116,014	155,319	49,033	635	48,398	30.2
1970.....	18,650	1,796	33,488	106,286	139,744	44,938	224	44,714	31.6
1971.....	17,250	1,639	28,265	94,836	123,101	45,887	376	45,511	36.7
1972.....	15,350	1,458	22,383	77,214	99,597	39,047	312	38,735	45.6
1973.....	15,200	1,659	25,224	60,550	85,774	32,407	789	31,618	51.9
1974.....	15,000	1,937	29,080	53,367	82,427	27,344	277	27,067	58.1
1975.....	13,800	1,651	22,788	55,083	78,871	25,387	385	25,002	59.9
1976.....	15,300	1,726	26,415	52,484	78,899	23,184	377	22,807	60.2
1977 <sup>4</sup> .....	15,200	1,936	29,430	55,715	85,133				
<b>Pennsylvania seedleaf filler, type 41:</b>									
1969.....	20,000	1,825	36,506	105,075	141,575	44,309	635	43,674	30.0
1970.....	17,000	1,800	30,600	97,286	127,566	40,868	224	40,644	31.0
1971.....	15,200	1,610	24,472	86,966	111,470	41,291	376	40,915	36.0
1972.....	13,000	1,400	18,200	70,179	88,379	34,659	312	34,347	46.0
1973.....	13,000	1,700	22,100	85,730	75,830	28,307	750	27,548	52.0
1974.....	13,000	2,000	26,000	47,513	73,513	24,302	277	24,025	58.0
1975.....	12,000	1,650	19,800	49,211	69,011	22,223	385	21,638	58.0
1976.....	13,500	1,750	23,625	46,788	70,413	30,672	377	30,295	60.0
1977 <sup>4</sup> .....	13,500	1,940	26,190	49,741	75,931				60.0

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1969-77 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Miami Valley (Ohio) filler, types 42-44:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1969.....	1,700	1,650	2,805	10,939	13,744	4,724	-----	4,724	32.5
1970.....	1,650	1,750	2,888	9,020	11,908	4,070	-----	4,070	38.0
1971.....	2,650	1,850	3,793	7,838	11,631	4,596	-----	4,596	41.0
1972.....	2,350	1,780	4,183	7,035	11,218	4,388	-----	4,388	44.0
1973.....	2,200	1,420	3,124	6,850	9,954	4,100	-----	4,100	51.0
1974.....	2,000	1,530	3,060	5,854	8,914	3,942	-----	3,942	59.0
1975.....	1,800	1,660	2,988	5,872	8,860	3,164	-----	3,164	60.0
1976.....	1,800	1,550	2,790	5,696	8,486	2,512	-----	2,512	59.0
1977 <sup>4</sup> .....	1,700	1,900	3,230	5,974	9,204	2,512	-----	2,512	62.0
<b>Puerto Rican filler, type 46-5:</b>									
1969.....	4,700	1,302	6,104	25,824	31,928	12,645	-----	12,645	33.6
1970.....	3,200	1,397	4,471	19,283	23,754	8,770	-----	8,770	36.1
1971.....	4,806	1,400	6,728	14,984	21,712	9,041	-----	9,041	39.8
1972.....	5,635	843	4,752	12,671	17,423	8,231	-----	8,231	42.1
1973.....	4,500	1,444	6,500	9,192	16,092	5,646	-----	5,646	41.2
1974.....	2,650	1,477	3,914	10,046	13,960	7,861	-----	7,861	44.5
1975.....	3,225	1,343	4,330	6,099	10,429	3,207	-----	3,207	49.7
1976.....	3,200	1,219	3,900	7,222	11,122	4,742	-----	4,742	57.6
1977 <sup>4</sup> .....	2,300	1,696	3,900	6,380	10,280	-----	-----	-----	-----
<b>Total cigar binder, types 51-55:</b>									
1969.....	9,000	1,716	15,448	49,251	64,699	22,447	539	21,908	44.3
1970.....	10,470	2,041	21,368	42,252	63,620	19,326	343	18,983	53.1
1971.....	12,210	2,075	25,332	44,294	69,626	22,973	96	22,877	56.1
1972.....	12,360	1,714	21,187	46,653	67,840	21,362	109	21,253	51.3
1973.....	11,760	1,841	21,647	46,478	68,125	25,282	101	25,181	62.2
1974.....	10,860	1,934	21,007	42,843	63,850	22,044	207	21,837	76.0
1975.....	12,520	1,851	23,178	41,806	64,981	21,460	274	21,186	76.9
1976.....	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977 <sup>4</sup> .....	13,430	2,031	27,271	44,340	71,611	-----	-----	-----	88.7
<b>Connecticut Valley broadleaf, type 51:</b>									
1969.....	1,200	1,405	1,686	6,232	7,918	3,906	282	3,324	59.0
1970.....	1,300	1,700	2,210	4,312	6,522	2,127	273	1,864	67.0
1971.....	1,300	1,670	2,171	4,385	6,536	1,404	95	1,309	67.0
1972.....	1,300	1,550	2,015	5,152	7,167	1,805	103	1,702	72.0
1973.....	1,350	1,700	2,295	5,362	7,637	2,780	98	2,682	73.0
1974.....	1,300	1,700	2,210	4,877	7,087	2,592	206	2,386	82.0
1975.....	1,350	1,550	2,093	4,495	6,888	3,251	176	3,075	92.0
1976.....	1,350	1,580	2,133	3,337	5,470	1,971	149	1,822	90.0
1977 <sup>4</sup> .....	1,200	1,770	2,124	3,499	5,623	-----	-----	-----	125.0
<b>Connecticut Valley Havana Seed, type 52:</b>									
1969.....	400	1,520	608	2,701	3,309	610	-----	610	56.0
1970.....	370	1,950	722	2,699	3,421	655	-----	655	61.0
1971.....	310	2,060	636	2,766	3,402	1,116	-----	1,116	61.0
1972.....	260	1,850	481	2,286	2,767	644	-----	644	62.0
1973.....	210	1,850	389	2,123	2,512	391	-----	391	72.0
1974.....	160	2,040	326	2,121	2,447	776	-----	776	82.0
1975.....	170	1,650	281	1,671	1,852	1,030	-----	1,030	95.0
1976.....	160	1,819	291	922	1,213	388	-----	388	87.0
1977 <sup>4</sup> .....	180	1,880	338	845	1,183	-----	-----	-----	95.0
<b>Southern Wisconsin, type 54:</b>									
1969.....	3,700	1,740	6,438	19,391	26,029	9,344	-----	9,344	40.2
1970.....	4,400	2,135	9,394	16,985	26,079	7,323	-----	7,323	50.3
1971.....	5,300	2,370	12,031	18,786	30,787	10,531	-----	10,531	55.6
1972.....	5,000	1,685	8,425	20,256	28,681	9,234	-----	9,234	48.0
1973.....	4,900	1,950	9,555	19,447	29,002	10,078	-----	10,078	60.5
1974.....	4,700	2,060	9,682	18,924	28,606	8,795	-----	8,795	74.9
1975.....	5,600	1,945	10,892	19,811	30,703	7,454	-----	7,454	75.1
1976.....	5,600	1,890	10,584	23,249	33,833	10,066	-----	10,066	74.7
1977 <sup>4</sup> .....	6,200	2,030	12,524	23,767	36,291	-----	-----	-----	85.5

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1969-77 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
<b>Northern Wisconsin, type 55:</b>									
1969.....	3,700	1,815	6,716	20,727	27,443	8,857	257	8,630	43.4
1970.....	4,400	2,055	9,042	18,556	27,598	9,211	70	9,141	52.0
1971.....	5,300	1,980	10,404	18,387	28,881	9,022	1	9,021	54.0
1972.....	5,800	1,770	10,266	18,959	29,225	9,079	6	9,073	49.0
1973.....	5,300	1,775	9,408	19,546	28,954	12,033	2	12,030	60.7
1974.....	4,700	1,870	8,789	16,921	25,710	9,881	1	9,880	75.4
1975.....	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976.....	5,500	1,750	9,625	16,015	25,638	9,409	10	9,399	75.2
1977 <sup>3</sup> .....	5,850	2,100	12,285	16,229	28,814				85.5
<b>Total cigar wrapper, types 61-62:</b>									
1969.....	11,250	1,411	15,879	19,665	35,544	14,124	1,876	12,248	341.3
1970.....	9,600	1,555	14,932	21,420	36,352	14,343	1,873	12,470	350.9
1971.....	7,680	1,614	12,397	22,009	34,406	14,586	3,475	11,111	347.5
1972.....	7,100	1,365	9,691	19,820	29,511	11,794	2,242	8,542	387.1
1973.....	7,830	1,280	9,766	17,727	27,493	12,456	2,383	10,073	452.2
1974.....	6,650	1,652	10,988	15,037	26,025	10,383	4,354	6,029	536.1
1975.....	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976.....	4,600	1,865	7,198	13,552	20,750	7,802	3,759	3,843	528.2
1977 <sup>4</sup> .....	3,420	1,847	5,202	13,148	18,440				
<b>Connecticut Valley shadegrown, type 61:</b>									
1969.....	6,300	1,288	8,112	12,142	20,254	8,015	1,012	7,003	400.0
1970.....	6,050	1,536	9,287	12,239	21,526	7,638	981	6,657	400.0
1971.....	4,700	1,635	7,683	13,888	21,571	8,403	2,702	5,701	400.0
1972.....	4,050	1,250	5,063	13,168	18,231	7,486	2,804	4,682	485.0
1973.....	5,000	1,210	6,050	10,745	16,795	8,292	1,553	6,439	515.0
1974.....	4,800	1,625	7,798	8,503	16,301	6,821	3,904	2,927	600.0
1975.....	4,350	1,371	5,953	9,470	15,433	7,889	3,783	4,106	640.0
1976.....	4,250	1,535	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977 <sup>4</sup> .....	3,280	1,544	5,064	8,918	13,982				
<b>Georgia-Florida shadegrown, type 62:</b>									
1969.....	4,950	1,569	7,766	7,523	15,290	6,109	864	5,245	280.0
1970.....	3,550	1,590	5,645	9,181	14,826	6,705	802	5,813	270.0
1971.....	3,980	1,582	4,714	8,121	12,855	6,183	773	5,410	262.0
1972.....	3,050	1,517	4,628	6,652	11,280	4,208	437	3,860	280.0
1973.....	2,830	1,413	3,716	6,982	10,698	4,184	530	3,634	350.0
1974.....	1,850	1,724	3,190	6,534	9,724	3,552	450	3,102	380.0
1975.....	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976.....	350	1,680	588	6,008	6,596	2,306	423	1,943	385.0
1977 <sup>4</sup> .....	140	1,630	228	4,230	4,458				400.0
<b>Total tobacco, types 11-72:<sup>5</sup></b>									
1969.....	923,020	1,900	1,809,376	3,948,528	5,657,904	1,980,292	640,392	1,319,900	71.8
1970.....	901,530	2,120	1,910,924	3,897,612	5,808,536	1,926,917	638,699	1,288,218	72.8
1971.....	842,396	2,032	1,711,612	3,666,127	5,377,739	1,862,156	571,260	1,320,896	78.5
1972.....	848,055	2,068	1,754,032	3,484,090	5,238,122	1,955,344	639,217	1,316,127	83.0
1973.....	893,367	1,958	1,752,132	3,278,565	5,030,697	2,089,788	732,351	1,357,437	90.1
1974.....	967,270	2,064	1,996,155	2,953,539	4,949,094	1,941,505	653,586	1,288,009	108.6
1975.....	1,089,575	2,006	2,185,313	3,009,670	5,194,983	1,943,717	654,245	1,289,472	102.6
1976.....	1,047,720	2,044	2,139,729	3,304,576	5,444,305	1,911,808	677,916	1,233,892	112.5
1977 <sup>6</sup> .....	959,950	1,996	1,916,087	3,516,934	5,433,021				116.9

<sup>1</sup> July 1 for blue-sourced types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.<sup>2</sup> Exports by rehandling trade included in totals of types from which they are made.<sup>3</sup> Disappearance adjusted for tobacco still on farms at end of marketing year.<sup>4</sup> Preliminary.<sup>5</sup> Evaluated at 118.6 cents per pound for 1977 crop.<sup>6</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.<sup>7</sup> Includes Perique.<sup>8</sup> Does not include type 61.

Economics, Statistics, and Cooperatives Service—Economics. Basic export data from the official reports of the Department of Commerce.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1974-78 (farm-sales-weight basis) <sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
<b>Flue-cured, types 11-14:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Miami Valley (Ohio) filler, types 42-44:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1974.....	2,232,368	1,926,508	1,607,284	2,155,635	1974.....	8,797	8,538	8,849	8,854
1975.....	2,216,090	1,832,494	1,651,968	2,230,934	1975.....	8,044	7,542	6,683	5,872
1976.....	2,443,455	2,089,415	1,873,830	2,468,530	1976.....	4,803	7,029	8,324	8,696
1977.....	2,565,898	2,305,063	2,066,068	2,550,328	1977.....	4,894	6,939	6,898	8,974
1978.....	2,574,465				1978.....	5,410			
<b>Virginia fire-cured, type 21:</b>					<b>Puerto Rican filler, type 46:</b>				
1974.....	8,011	9,635	8,442	7,101	1974.....	6,654	6,487	11,290	10,046
1975.....	7,998	9,705	8,852	7,329	1975.....	6,966	7,518	9,360	8,099
1976.....	8,514	9,629	8,852	7,438	1976.....	6,061	6,006	5,802	7,222
1977.....	8,053	9,649	8,381	6,658	1977.....	6,800	8,565	7,133	6,380
1978.....	8,746				1978.....	4,556			
<b>Kentucky and Tennessee fire-cured, type 22:</b>					<b>Connecticut Valley Broadleaf, type 51:</b>				
1974.....	39,801	54,509	48,668	40,192	1974.....	5,250	5,673	5,132	4,877
1975.....	34,655	48,111	42,847	36,137	1975.....	4,625	4,942	5,155	4,485
1976.....	28,950	51,928	45,185	35,270	1976.....	4,100	4,250	3,835	3,337
1977.....	32,451	45,199	42,123	34,906	1977.....	3,324	3,788	3,747	3,499
1978.....	28,077				1978.....	3,938			
<b>Kentucky and Tennessee fire-cured, type 23:</b>					<b>Connecticut Valley Havana Seed, type 52:</b>				
1974.....	7,540	9,102	6,693	4,907	1974.....	2,147	2,006	2,288	2,121
1975.....	4,064	6,477	5,384	4,511	1975.....	2,080	2,234	2,161	1,671
1976.....	3,553	6,505	5,837	4,315	1976.....	1,686	1,414	1,267	922
1977.....	4,590	6,962	8,837	6,329	1977.....	1,148	1,068	885	545
1978.....	4,350				1978.....	1,114			
<b>Burley, type 31:</b>					<b>Southern Wisconsin, type 54:</b>				
1974.....	1,353,545	1,377,494	1,216,835	1,070,665	1974.....	16,308	24,242	31,857	18,924
1975.....	1,314,301	1,373,888	1,223,632	1,094,385	1975.....	16,911	25,031	22,248	19,511
1976.....	1,345,529	1,420,491	1,265,480	1,130,992	1976.....	17,278	25,394	23,070	23,249
1977.....	1,398,627	1,501,753	1,372,351	1,206,296	1977.....	20,728	29,153	26,971	23,767
1978.....	1,557,918				1978.....	21,797			
<b>Maryland, type 32:</b>					<b>Northern Wisconsin, type 55:</b>				
1974.....	43,842	89,989	67,918	61,711	1974.....	18,298	23,429	20,433	16,921
1975.....	51,703	45,387	67,284	61,006	1975.....	18,355	20,214	17,894	15,829
1976.....	53,634	48,863	57,762	45,629	1976.....	16,290	22,534	20,934	16,013
1977.....	41,859	37,988	54,245	45,766	1977.....	13,539	18,822	18,098	16,229
1978.....	45,325				1978.....	17,178			
<b>One Sucker, type 35:</b>					<b>Connecticut Valley shadegrown, type 61:</b>				
1974.....	27,649	30,504	27,845	23,117	1974.....	10,328	9,804	8,503	9,682
1975.....	21,352	24,340	22,377	19,077	1975.....	11,517	12,220	9,470	10,158
1976.....	18,928	20,727	19,453	15,544	1976.....	11,493	10,138	7,544	8,829
1977.....	16,178	18,398	17,771	14,301	1977.....	10,662	10,948	8,917	9,492
1978.....	16,557				1978.....	8,455			
<b>Green River, type 36:</b>					<b>Georgia and Florida Shade-grown, type 62:</b>				
1974.....	15,813	17,532	15,369	13,772	1974.....	7,308	7,303	6,534	6,821
1975.....	13,533	16,327	15,351	13,757	1975.....	7,275	7,121	6,172	5,978
1976.....	13,389	16,301	14,018	12,668	1976.....	7,698	6,290	6,008	5,337
1977.....	11,308	14,318	14,010	11,858	1977.....	4,963	3,934	4,230	4,263
1978.....	12,776				1978.....	3,962			
<b>Virginia sun-cured, type 37:</b>					<b>Perique, type 72:</b>				
1974.....	3,271	3,399	3,177	2,974	1974.....	734	575	601	523
1975.....	3,086	2,672	2,464	2,291	1975.....	711	484	561	482
1976.....	2,294	2,318	2,210	2,072	1976.....	546	553	501	450
1977.....	2,186	2,140	2,089	1,767	1977.....	593	574	529	531
1978.....	1,944				1978.....	545			
<b>Pennsylvania Seedleaf, type 41:</b>									
1974.....	44,951	55,190	49,214	47,513					
1975.....	41,947	57,430	54,589	49,211					
1976.....	43,726	58,244	52,119	46,788					
1977.....	42,948	56,739	53,368	49,741					
1978.....	45,648								

See footnotes at end of table.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1974-78 (farm-sales-weight basis) <sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Other miscellaneous domestic, type 73:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Foreign-grown cigarette and smoking tobacco, types 81-93: <sup>2</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1974.....	5,720	5,465	5,899	6,712	1974.....	442,325	476,714	497,475	493,057
1975.....	6,782	6,095	6,045	6,719	1975.....	547,994	567,410	622,865	568,538
1976.....	5,872	6,379	6,445	6,089	1976.....	568,430	628,348	618,995	646,447
1977.....	5,983	5,596	5,250	4,777	1977.....	637,256	598,783	507,654	602,234
1978.....	5,063	.....	.....	.....	1978.....	601,297	.....	.....	.....
Foreign-grown cigar-leaf, types 81-89:									
1974.....	112,284	120,455	124,110	126,135					
1975.....	124,626	129,192	134,229	129,418					
1976.....	131,094	128,605	121,631	109,379					
1977.....	114,256	111,037	108,984	102,480					
1978.....	100,315	.....	.....	.....					

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

<sup>2</sup> Stocks on the island of Puerto Rico are included.

<sup>3</sup> These tobaccos were previously grouped together and designated "type 90."

Agricultural Marketing Service.

Table 143.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1963-77

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>1</sup>	Plug	Twist	Fine-cut	Loose-leaf <sup>2</sup>			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	6,716	281	( <sup>3</sup> )	550,558	24,948	2,935	3,343	34,007	70,447	31,844	167,524
1964.....	8,737	974	( <sup>3</sup> )	539,905	25,832	2,813	3,323	34,013	82,437	31,443	180,081
1965.....	7,899	441	( <sup>3</sup> )	526,806	24,631	2,850	3,710	33,918	71,781	29,710	166,621
1966 <sup>4</sup> .....	7,185	445	( <sup>3</sup> )	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967.....	6,859	434	( <sup>3</sup> )	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968.....	7,184	523	1.0	579,493	22,926	2,567	4,268	35,666	66,275	27,057	158,759
1969.....	6,937	743	1.0	587,647	23,349	2,466	4,490	39,494	63,865	27,585	161,239
1970.....	7,095	933	1.1	583,280	21,987	2,439	4,824	39,530	69,370	26,822	164,681
1971.....	6,722	1,135	.8	576,425	20,588	2,356	5,149	43,314	60,519	26,425	158,354
1972.....	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,980
1973.....	5,664	4,115	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974.....	5,254	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,998	153,229
1975.....	4,824	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976.....	4,178	2,246	1.4	693,380	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977 <sup>5</sup> .....	3,907	1,864	1.3	685,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Formerly designated "Scrap."

<sup>4</sup> Less than 500,000.

<sup>5</sup> Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Agricultural Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

<sup>6</sup> Preliminary.

Agricultural Marketing Service. Compiled from reports of the Internal Revenue Service, U.S. Treasury Department. Data for 1964-69 in *Agricultural Statistics, 1978*, table 153.

Table 144.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1963-77<sup>1</sup>

Year	Cigarettes			Cigars <sup>2</sup>			Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>4</sup>	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	Billions	Million pounds	Number	Billions	Million pounds <sup>4</sup>	Number	Million pounds	Pounds	Million pounds	Pounds
1963.....	524	1,169	4,345	7.3	141	60	111	0.92	1,421	11.78
1964.....	511	1,123	4,194	8.1	162	75	120	.99	1,406	11.53
1965.....	529	1,163	4,258	8.6	157	70	110	.88	1,429	11.51
1966.....	541	1,147	4,287	8.5	149	66	108	.86	1,404	11.12
1967.....	549	1,136	4,280	8.1	143	63	107	.83	1,385	10.79
1968.....	546	1,133	4,186	7.9	139	61	106	.83	1,380	10.59
1969.....	529	1,082	3,992	8.0	138	60	110	.83	1,330	10.04
1970.....	536	1,050	3,985	8.1	138	60	113	.83	1,301	9.68
1971.....	550	1,066	4,037	7.9	133	57	112	.82	1,310	9.52
1972.....	567	1,111	4,043	7.3	128	52	110	.79	1,350	9.65
1973.....	590	1,126	4,148	7.0	130	49	106	.75	1,362	9.53
1974.....	599	1,149	4,141	6.4	111	44	109	.75	1,361	9.41
1975.....	607	1,138	4,123	5.8	101	39	106	.72	1,346	9.14
1976.....	614	1,090	4,062	5.4	92	36	109	.73	1,291	8.61
1977 <sup>5</sup> .....	620	1,079	4,064	5.0	85	32	107	.70	1,270	8.33

<sup>1</sup> Includes consumption by overseas forces.<sup>2</sup> Weighing over 3 pounds per 1,000.<sup>3</sup> Unstemmed-processing weight equivalent.<sup>4</sup> Includes weight of small cigars.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals. Data for 1954-62 in *Agricultural Statistics, 1972*, table 154.

Table 145.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1963-77

Year	Cigarettes				Cigars <sup>1</sup>			
	Total output	Domestic consumption <sup>2</sup>	Tax-exempt removals <sup>3</sup>		Total output <sup>4</sup>	Domestic consumption <sup>2</sup>	Tax-exempt removals <sup>3</sup>	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1963.....	550.6	809.6	41.1	23.6	7,344	7,171	143	33
1964.....	539.9	497.4	42.6	25.1	9,566	8,959	193	44
1965.....	556.8	511.5	44.2	23.1	8,941	8,513	190	55
1966.....	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967.....	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968.....	579.5	523.0	53.8	26.5	8,257	7,827	189	66
1969.....	557.6	510.5	47.1	25.0	8,023	7,868	180	65
1970.....	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971.....	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972.....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973.....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974.....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975.....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976.....	693.4	613.5	72.1	61.4	5,403	5,363	144	124
1977 <sup>5</sup> .....	665.9	620.0	78.1	66.8	5,020	4,952	130	117

<sup>1</sup> As indicated by taxable removals and imports, and estimated inventory changes.<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and to ships' stores.<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department. Data for 1949-62 in *Agricultural Statistics, 1972*, table 155.



Table 146.—Tobacco: Price-support operations, United States, 1963-78 <sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Put under support <sup>2</sup>		Support price per pound	Put under support <sup>2</sup>	
		Quantity	Percentage of production		Quantity	Percentage of production
	Cents	Million pounds	Percent	Cents	Million pounds	Percent
1963.....	56.6	277	20.2	58.3	202	26.8
1964.....	57.2	285	20.7	58.9	110	17.8
1965.....	57.7	71	6.8	59.5	42	7.2
1966.....	58.8	75	6.7	60.6	63	10.6
1967.....	59.9	282	22.6	61.8	64	11.9
1968.....	61.6	128	12.9	63.5	56	10.0
1969.....	63.8	97	9.2	65.8	108	26.7
1970.....	66.6	144	12.2	68.6	47	8.5
1971.....	69.4	56	5.2	71.5	( <sup>3</sup> )	
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	.1
1974.....	83.3	25	2.0	85.8	3	.5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	195	17.4	117.3	466	9.2
1978.....	121.0			124.7		

<sup>1</sup> This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

<sup>2</sup> Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

<sup>3</sup> Less than 500,000 pounds.

Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-63 in *Agricultural Statistics, 1972*, table 156.

Table 147.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1975-77

Classification and country of origin	1975	1976	1977 <sup>1</sup>	Classification and country of origin	1975	1976	1977 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
<b>Cigarette leaf:</b>				<b>Cigar wrapper:</b>			
Brazil.....	848	1,309	1,611	Honduras.....	145	148	137
Greece.....	12,017	9,821	7,545	Nicaragua.....	234	249	340
Yugoslavia.....	6,069	7,745	6,248	Cameroun.....	168	196	212
Lebanon.....	4,172	4,499	2,936	Other countries.....	79	97	96
Italy.....	7,196	11,920	11,143	<b>Total.....</b>	<b>626</b>	<b>690</b>	<b>735</b>
Turkey.....	50,516	42,774	39,661				
Korea, Rep. of.....	3,335	2,392	1,972	<b>Serap:</b>			
Other countries.....	11,985	12,436	16,932	Dominican Republic.....	4,174	3,529	3,383
<b>Total.....</b>	<b>96,138</b>	<b>92,896</b>	<b>88,048</b>	Brazil.....	5,192	6,608	11,467
				Korea, Rep. of.....	3,334	5,497	7,489
<b>Cigar filler:</b>				Turkey.....	2,632	2,277	2,920
Unstemmed:				Philippines.....	8,121	7,057	6,040
Dominican Republic.....	434	530	41	Other countries.....	18,691	15,147	17,427
Nicaragua.....	537	289	275	<b>Total.....</b>	<b>38,144</b>	<b>38,115</b>	<b>48,726</b>
Philippines.....	777	333	175				
Indonesia.....	542	553	328	<b>Stems:</b>			
Other countries.....	2,445	1,396	730	Dominican Republic.....	449	356	699
<b>Stemmed:</b>				Brazil.....	2,100	2,651	1,393
Honduras.....	310	297	324	Argentina.....	231	894	402
Mexico.....	149	120	145	Other countries.....	1,454	969	723
Dominican Republic.....	408	457	428	<b>Total.....</b>	<b>4,234</b>	<b>4,561</b>	<b>3,217</b>
Other countries.....	430	222	245	<b>Grand total.....</b>	<b>145,261</b>	<b>140,749</b>	<b>143,415</b>
<b>Total.....</b>	<b>6,119</b>	<b>4,187</b>	<b>2,689</b>				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 148.—Tobacco, unmanufactured: International trade, 1974-76

Continent and country	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
<b>North America:</b>						
Canada.....	33,681	4,728	26,464	4,530	25,767	2,564
Costa Rica.....	14	73	13	27	15	30
Cuba.....	15,000	0	15,876	0	19,500	0
Dominican Republic.....	41,141	3,357	31,330	1,206	33,071	1,200
El Salvador.....	430	901	655	716	614	704
Guatemala.....	4,122	1,086	3,494	831	8,614	50
Honduras.....	2,371	167	2,722	181	2,733	1
Jamaica.....	475	1,586	299	1,800	200	2,000
Mexico.....	26,394	1	17,427	61	17,614	0
Nicaragua.....	1,284	66	1,510	71	1,350	80
Panama.....	126	314	323	175	350	200
Trinidad and Tobago.....	68	709	113	848	33	1,022
United States.....	295,482	136,055	255,390	145,296	262,179	140,794
<b>Total.....</b>	<b>420,588</b>	<b>149,043</b>	<b>355,416</b>	<b>155,751</b>	<b>369,060</b>	<b>148,645</b>
<b>South America:</b>						
Argentina.....	7,169	240	32,806	136	27,350	106
Brazil.....	98,017	1,703	101,197	323	106,645	360
Chile.....	0	3,790	0	6,510	0	1,379
Colombia.....	21,877	640	14,682	296	20,819	106
Ecuador.....	103	318	157	726	251	3,030
Guyana.....	0	303	0	318	0	319
Paraguay.....	24,055	185	24,869	23	25,000	20
Peru.....	2,500	731	1,698	1,080	868	638
Surinam.....	0	235	0	260	0	223
Uruguay.....	0	3,495	0	3,574	0	3,516
Venezuela.....	4,689	125	842	297	0	100
<b>Total.....</b>	<b>153,410</b>	<b>11,765</b>	<b>176,238</b>	<b>13,943</b>	<b>180,945</b>	<b>8,737</b>
<b>Europe:</b>						
Belgium-Luxembourg.....	2,864	39,890	3,640	39,426	6,851	41,390
Denmark.....	<sup>1</sup> 1,893	13,744	<sup>1</sup> 1,099	14,677	<sup>1</sup> 1,524	10,312
France.....	2,723	80,675	2,575	89,659	3,755	94,778
Germany, Fed. Rep. of.....	10,783	86,406	10,075	132,117	9,964	143,672
Ireland.....	5,942	14,783	6,378	15,095	3,531	8,699
Italy.....	64,542	20,400	58,890	35,521	53,358	33,249
Netherlands.....	<sup>1</sup> 10,338	73,153	<sup>1</sup> 9,891	66,851	<sup>1</sup> 9,243	64,791
United Kingdom.....	<sup>2</sup> 2,975	164,334	<sup>2</sup> 2,772	142,638	<sup>2</sup> 3,471	144,491
<b>Total EC.....</b>	<b>102,060</b>	<b>502,445</b>	<b>95,290</b>	<b>535,984</b>	<b>91,997</b>	<b>541,382</b>
Austria.....	692	16,222	1,073	11,468	823	10,027
Canary Islands.....	294	31,294	66	20,418	253	32,888
Finland.....	<sup>1</sup> 137	7,697	<sup>1</sup> 12	8,686	( <sup>2</sup> )	6,354
Greece.....	67,170	331	50,624	341	53,981	472
Malta.....	46	327	45	318	50	350
Norway.....	<sup>2</sup> 20	7,101	<sup>1</sup> 91	5,786	0	5,981
Portugal.....	0	8,576	0	8,539	0	8,806
Spain.....	100	39,455	48	38,282	0	48,730
Sweden.....	307	9,607	116	12,539	189	11,632
Switzerland.....	5,940	35,923	5,220	27,435	4,637	26,176
<b>Total Western Europe.....</b>	<b>6178,766</b>	<b>658,978</b>	<b>152,615</b>	<b>669,596</b>	<b>151,730</b>	<b>693,068</b>
Bulgaria.....	60,310	7,400	68,040	7,711	68,000	7,500
Czechoslovakia.....	1,733	16,000	1,800	15,900	1,900	20,000
German Dem. Rep.....	2,127	19,500	2,040	19,500	2,000	21,000
Hungary.....	1,400	9,070	1,390	8,800	1,300	9,000
Poland.....	12,867	4,171	10,457	10,070	7,402	10,791
Romania.....	6,398	6,900	10,000	4,500	10,000	5,000
Yugoslavia.....	18,908	1,770	24,876	6,292	14,476	1,273
<b>Total Eastern Europe.....</b>	<b>112,740</b>	<b>64,811</b>	<b>118,573</b>	<b>72,773</b>	<b>105,078</b>	<b>74,564</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>1,200</b>	<b>78,601</b>	<b>1,797</b>	<b>87,753</b>	<b>1,401</b>	<b>74,081</b>
<b>Africa:</b>						
Algeria.....	328	17,863	225	18,000	225	18,500
Angola.....	6,849	150	6,800	150	6,800	150
Cameroun.....	2,087	1,360	2,040	1,360	2,050	1,400
Congo.....	365	680	365	680	365	680
Egypt.....	0	20,037	0	25,883	0	31,000

See footnotes at end of table.

Table 148.—Tobacco, unmanufactured: International trade, 1974-76—Continued

Continent and country	1974		1975		1976 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
<b>Africa—Continued</b>						
Ghana.....	197	897	228	787	120	550
Kenya.....	1	79	0	71	2	0
Madagascar.....	1,479	165	2,700	450	2,700	450
Malawi.....	26,785	4,717	30,866	4,536	31,800	4,500
Morocco.....	100	5,274	0	6,216	0	7,494
Mozambique.....	2,586	363	375	360	400	350
Nigeria.....	47	500	0	713	0	973
Southern Rhodesia.....	36,390	0	42,000	0	54,400	0
Sierra Leone.....	0	5,098	0	862	0	496
South Africa.....	7,864	10,381	6,101	10,046	10,684	13,064
Tanzania.....	8,778	129	2,265	141	11,061	0
Tunisia.....	20	6,248	0	5,132	0	6,000
Uganda.....	978	26	1,268	0	1,006	36
Zaire.....	0	6,147	0	2,927	0	2,303
Zambia.....	4,874	0	5,394	0	4,666	0
<b>Total.....</b>	<b>99,638</b>	<b>80,714</b>	<b>100,637</b>	<b>78,319</b>	<b>126,339</b>	<b>88,846</b>
<b>Asia:</b>						
Bangladesh.....	0	6,078	0	9,072	0	10,000
Cambodia.....	0	907	0	907	0	1,000
China, People's Rep. of.....	32,000	0	32,000	0	34,000	0
China, Rep. of.....	3,062	13,634	4,111	8,535	4,140	10,377
Cyprus.....	119	1,114	0	1,246	0	2,150
Hong Kong.....	870	5,191	24,355	3,940	8,195	10,177
India.....	80,485	70	78,213	96	79,599	( <sup>2</sup> )
Indonesia.....	27,189	15,418	19,625	8,441	20,345	9,363
Israel.....	60	3,789	54	3,588	0	4,900
Japan.....	1,147	77,240	210	91,632	17	98,069
Jordan.....	142	745	11	592	0	754
Korea, Rep. of.....	41,194	4,671	44,258	5,234	42,133	5,894
Kuwait.....	148	443	181	454	300	500
Laos.....	0	2,385	0	1,360	0	1,500
Lebanon.....	6,337	113	4,536	1,360	4,500	500
Malaysia.....	24	7,288	308	1,814	189	3,493
Pakistan.....	11,440	252	10,517	108	9,072	363
Philippines.....	34,213	7,846	38,126	6,140	27,789	9,314
Singapore.....	829	9,968	223	9,829	142	6,597
Yemen (Aden).....	907	3,175	907	3,175	1,000	3,200
Sri Lanka.....	530	2	583	732	600	750
Syria.....	2,910	3,295	4,564	5,044	4,690	6,184
Thailand.....	15,116	9,630	17,582	5,907	21,845	7,315
Turkey (Europe & Asia).....	112,379	0	65,639	0	80,365	0
Vietnam.....	0	6,804				
<b>Total.....</b>	<b>371,731</b>	<b>180,059</b>	<b>325,903</b>	<b>172,309</b>	<b>338,551</b>	<b>192,400</b>
<b>Oceania:</b>						
Australia <sup>4</sup> .....	439	12,900	389	13,115	308	13,442
New Zealand <sup>4</sup> .....	1	4,060	( <sup>2</sup> )	5,613	( <sup>2</sup> )	3,634
<b>Total.....</b>	<b>440</b>	<b>16,960</b>	<b>389</b>	<b>18,728</b>	<b>308</b>	<b>17,066</b>
<b>Total.....</b>	<b>1,336,513</b>	<b>1,240,931</b>	<b>1,231,548</b>	<b>1,267,072</b>	<b>1,273,702</b>	<b>1,297,437</b>

<sup>1</sup> Preliminary.<sup>2</sup> Re-exports.<sup>3</sup> Less than 500 kilograms.<sup>4</sup> July-June year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1975-77

Type and country of destination	1975	1976	1977 <sup>1</sup>	Type and country of destination	1975	1976	1977 <sup>1</sup>
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
<b>Total unmanufactured:</b>				<b>Flue-cured—Continued</b>			
Canada.....	562	570	2,114	Thailand.....	7,101	8,624	8,383
Panama.....	264	398	300	Vietnam.....	7,47	128	369
Jamaica.....	841	793	627	Australia.....	8,324	3,312	4,710
Dominican Republic.....	1,016	1,169	1,306	New Zealand.....	1,628	1,702	1,708
Chile.....	321	483	793	Other countries.....	8,708	11,385	17,331
Ecuador.....	709	1,560	2,027	<b>Total.....</b>	<b>177,553</b>	<b>171,791</b>	<b>186,020</b>
Belgium and Luxembourg.....	3,658	3,365	4,742	<b>Burley:</b>			
France.....	4,808	3,753	2,853	Chile.....	105	187	291
Germany, Fed. Rep. of.....	41,288	33,423	35,767	Belgium and Luxembourg.....	108	148	393
Italy.....	14,296	15,041	18,432	France.....	493	401	6
Netherlands.....	13,556	11,202	13,852	Germany, Fed. Rep. of.....	5,270	6,210	6,333
Austria.....	2,302	1,919	1,795	Italy.....	4,758	6,522	7,463
Denmark.....	7,447	4,094	7,659	Netherlands.....	1,147	258	784
Finland.....	3,609	2,836	2,396	Austria.....	313	110	67
Ireland.....	3,723	3,497	2,434	Denmark.....	1,011	312	783
Norway.....	2,553	2,517	2,701	Finland.....	578	393	282
Portugal.....	287	0	246	Norway.....	168	112	167
Spain.....	4,305	2,111	2,334	Portugal.....	71	0	726
Sweden.....	6,935	6,394	5,357	Sweden.....	1,282	1,032	817
Switzerland.....	11,730	11,024	13,045	Switzerland.....	994	779	2,913
United Kingdom.....	35,591	32,572	21,242	Syria.....	754	1,300	1,200
Libya.....	2,077	1,327	723	Hong Kong.....	217	164	200
Egypt.....	4,732	8,043	12,119	Japan.....	3,181	4,655	3,770
Canary Islands.....	1,513	2,433	3,430	Philippines.....	2,564	3,093	2,463
Cameroon.....	818	743	906	Thailand.....	1,383	1,247	1,981
Ghana.....	856	1,035	917	Other countries.....	3,727	3,685	5,277
Nigeria.....	574	497	254	<b>Total.....</b>	<b>28,071</b>	<b>30,778</b>	<b>35,876</b>
Zaire.....	0	522	3,414	<b>Dark-fired Kentucky-Tennessee:</b>			
Israel.....	475	639	935	Belgium and Luxembourg.....	225	216	474
China, Rep. of.....	7,289	5,586	9,384	France.....	1,694	1,205	644
Hong Kong.....	986	1,243	1,354	Germany, Fed. Rep. of.....	62	64	96
Korea, Rep. of.....	1,358	3,248	4,459	Italy.....	0	65	460
Japan.....	36,967	60,206	61,429	Netherlands.....	4,041	4,165	5,342
Malaysia.....	3,236	3,319	6,574	Denmark.....	85	17	109
Philippines.....	5,372	5,917	7,010	Ireland.....	11	5	0
Singapore.....	496	1,095	1,207	Norway.....	9	64	39
Thailand.....	8,463	9,871	7,243	Canary Islands.....	11	1	9
Syria.....	1,715	4,748	1,202	Sweden.....	0	359	205
Australia.....	7,034	4,661	6,435	Switzerland.....	364	292	230
New Zealand.....	2,275	2,238	2,251	United Kingdom.....	17	20	3
Other countries.....	9,882	9,079	11,869	Morocco.....	35	34	0
<b>Total.....</b>	<b>255,390</b>	<b>262,223</b>	<b>285,117</b>	Tunisia.....	50	0	0
<b>Flue-cured:</b>				Cameroon.....	193	228	338
Panama.....	169	299	287	Zaire.....	0	183	191
Jamaica.....	777	725	565	Other countries.....	569	469	522
Chile.....	214	323	499	<b>Total.....</b>	<b>6,756</b>	<b>7,387</b>	<b>8,662</b>
Ecuador.....	362	937	1,851	<b>Black Fat:</b>			
Belgium and Luxembourg.....	2,388	2,242	2,945	Cameroon.....	311	256	115
France.....	690	815	1,015	Benin.....	759	615	525
Germany, Fed. Rep. of.....	33,031	22,740	25,742	Nigeria.....	70	216	180
Italy.....	9,121	7,777	9,796	Togo.....	172	178	154
Netherlands.....	7,486	6,236	6,910	Other countries.....	266	222	275
Austria.....	1,462	1,392	1,372	<b>Total.....</b>	<b>1,578</b>	<b>1,487</b>	<b>1,229</b>
Denmark.....	5,090	2,514	4,745	<b>Dark-fired Virginia and sun-cured:</b>			
Finland.....	2,316	1,960	1,585	Germany, Fed. Rep. of.....	345	244	283
Ireland.....	2,495	2,066	1,488	Egypt.....	0	160	244
Norway.....	1,563	1,843	1,858	Austria.....	42	64	0
Portugal.....	215	0	173	Yugoslavia.....	22	0	0
Spain.....	4,013	2,089	1,926	Norway.....	759	385	583
Sweden.....	4,102	3,241	2,838	Sweden.....	93	198	124
Switzerland.....	6,489	4,137	4,017	Switzerland.....	82	77	356
United Kingdom.....	27,231	23,246	15,576	United Kingdom.....	104	35	123
Libya.....	1,689	1,061	553	Czechoslovakia.....	19	34	11
Egypt.....	4,410	3,439	7,684	Other countries.....	41	138	660
Syria.....	962	2,448	1	<b>Total.....</b>	<b>1,509</b>	<b>1,335</b>	<b>2,384</b>
China, Rep. of.....	6,728	5,586	9,384				
Hong Kong.....	707	767	971				
Indonesia.....	159	97	455				
Japan.....	25,012	41,001	42,558				
Malaysia.....	2,595	2,999	4,368				
Pakistan.....	210	220	182				
Philippines.....	2,809	2,822	4,547				
Singapore.....	256	689	682				

See footnotes at end of table.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1975-77—Continued

Type and country of destination	1975	1976	1977 <sup>1</sup>	Type and country of destination	1975	1976	1977 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Maryland:</b>				<b>Cigar filler:</b>			
Belgium and Luxembourg.....	532	383	533	France.....	67	124	88
Denmark.....	1	0	0	Germany, Fed. Rep. of.....	0	43	0
Germany, Fed. Rep. of.....	655	1,011	409	Other countries.....	22	16	61
Italy.....	64	0	0	<b>Total.....</b>	<b>89</b>	<b>183</b>	<b>149</b>
Netherlands.....	16	39	28				
Norway.....	21	93	11	<b>Perique:</b>			
Egypt.....	0	124	84	Canada.....	1	2	3
Spain.....	25	0	102	Germany, Fed. Rep. of.....	5	4	6
Switzerland.....	416	1,834	2,067	France.....	0	20	0
Other countries.....	98	299	239	United Kingdom.....	13	11	24
<b>Total.....</b>	<b>1,948</b>	<b>3,783</b>	<b>3,473</b>	Australia.....	9	4	11
				Other countries.....	24	7	2
<b>One sucker:</b>				<b>Total.....</b>	<b>52</b>	<b>48</b>	<b>46</b>
Belgium and Luxembourg.....	35	30	0				
Zaire.....	0	64	0	<b>Trimmings, stems, and scrap:</b>			
Other countries.....	16	1	38	Canada.....	410	424	1,925
<b>Total.....</b>	<b>51</b>	<b>95</b>	<b>38</b>	Italy.....	333	678	228
				Jamaica.....	46	44	37
<b>Green River:</b>				Guyana.....	26	12	0
Belgium and Luxembourg.....	48	0	1	Peru.....	0	159	0
United Kingdom.....	39	15	23	Surinam.....	30	39	33
Zaire.....	0	38	0	Belgium and Luxembourg.....	282	357	361
Other countries.....	1	3	0	France.....	1,785	928	885
<b>Total.....</b>	<b>88</b>	<b>54</b>	<b>24</b>	Germany, Fed. Rep. of.....	1,700	3,007	2,729
				Netherlands.....	792	230	493
<b>Cigar wrapper:</b>				Austria.....	478	323	357
Canada.....	73	85	28	Denmark.....	1,252	1,040	2,020
Jamaica.....	18	23	26	Finland.....	700	395	470
Dominican Republic.....	773	800	850	Ireland.....	1,316	1,397	909
Belgium and Luxembourg.....	19	20	5	Norway.....	34	0	0
Germany, Fed. Rep. of.....	193	97	164	Sweden.....	1,455	1,565	1,373
Netherlands.....	73	273	296	Switzerland.....	3,307	3,889	3,444
Canary Islands.....	12	18	9	United Kingdom.....	7,546	8,988	6,220
Nigeria.....	0	45	0	Libya.....	370	266	161
United Kingdom.....	332	212	155	Ghana.....	84	167	151
France.....	107	16	11	Poland.....	50	499	914
New Zealand.....	22	37	18	Hong Kong.....	62	312	183
Other countries.....	322	84	248	Japan.....	8,816	14,539	15,101
<b>Total.....</b>	<b>1,944</b>	<b>1,707</b>	<b>1,838</b>	Malaysia.....	641	321	1,107
				Egypt.....	0	579	2,388
<b>Cigar binder:</b>				Singapore.....	241	405	426
Canada.....	24	25	16	Australia.....	1,275	778	1,304
Venezuela.....	18	16	0	New Zealand.....	624	495	499
Germany, Fed. Rep. of.....	7	0	0	Other countries.....	2,993	1,618	2,886
Dominican Republic.....	8	71	42	<b>Total.....</b>	<b>36,528</b>	<b>43,441</b>	<b>45,304</b>
South Africa.....	0	9	0				
Switzerland.....	18	12	12				
Other countries.....	3	1	3				
<b>Total.....</b>	<b>76</b>	<b>134</b>	<b>73</b>				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

# CHAPTER III

## STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 150.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1963-77**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1963.....	14,212	6,192	5,851	341	50.70	314,219
1964.....	14,084.6	6,237	5,929	308	47.10	293,840
1965.....	13,612.7	6,087	5,836	251	46.70	284,412
1966.....	9,582.6	3,960	3,743	217	65.90	261,008
1967.....	7,997.3	3,210	3,017	193	55.20	177,406
1968.....	10,189.3	4,640	4,441	199	50.50	234,492
1969.....	11,051.1	4,068	3,863	205	41.10	167,254
1970.....	11,185.0	4,068	3,832	236	56.40	229,807
1971.....	11,470.9	4,340	4,007	333	56.80	240,930
1972.....	12,983.8	5,393	5,153	240	49.50	267,136
1973.....	11,970.2	5,016	4,730.7	285.3	100.00	501,191
1974.....	12,546.6	4,809.9	4,290.6	219.3	138.00	611,217
1975.....	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976.....	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977 <sup>2</sup> .....	13,279.3	5,521.4	5,066.2	455.2	71.00	399,131

<sup>1</sup> Includes planting seed, some sales between farms, shrinkage, losses, and other uses. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1920-62 in *Agricultural Statistics, 1978*, table 160.

**Table 151.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1975-77**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977	1975	1976	1977	1975	1976	1977 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Ala.....	118	129	105	106	118	98	12	11	7	85.50	104.00	69.50
Aris.....	246	347	445	236	319	391	10	28	54	101.00	105.00	75.00
Ark.....	250	294	400	220	270	375	30	24	25	97.30	105.00	72.50
Calif.....	810	1,036	1,100	750	980	1,035	60	56	65	108.00	108.00	76.00
Fla.....	1.1	2.8	2.3	0	2.0	2.2	0	8	1	79.00	116.00	77.00
Ga.....	54	70	30	46	64	27	8	0	3	82.30	98.50	59.00
Ky.....	1	3	3	114	190	3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	97.00	106.00	74.00
La.....	130	205	251	114	190	244	16	15	7	94.00	103.00	73.50
Miss.....	380	432	610	335	399	580	45	33	30	97.30	106.00	77.00
Mo.....	79	67	94	67	60	86	12	7	8	98.30	99.00	66.00
Nev.....	0	7	7	0	7	6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	110.00	105.00	78.00
N. Mex.....	28	29	68	24	25	64	4	4	4	99.90	102.00	66.00
N.C.....	16	25	19	15	23	18	1	2	1	87.10	99.00	65.00
Okl.....	70	67	165	60	56	148	10	11	17	89.70	102.00	63.00
S.C.....	34	35	42	30	31	40	4	4	2	85.40	99.00	68.00
Tenn.....	92	91	100	80	84	95	12	7	5	97.40	106.00	74.00
Tex.....	909	1,271	2,080	779	1,128	1,862	130	145	227	89.50	98.00	65.50
Va.....	2	2	1	0	1	1	2	1	( <sup>2</sup> )	93.00	100.00	71.00
U.S.....	3,218.0	4,122.0	5,521.4	2,863.6	3,768.1	5,066.2	354.4	353.9	455.2	97.00	103.00	71.00

<sup>1</sup> Preliminary. <sup>2</sup> Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses. <sup>3</sup> Kentucky, Nevada, and Virginia combined.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 152.—Cottonseed: Crushings and output of products, United States, 1963-76

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1963-----	5,887	1,981	2,790	1,597	1,340	1970-----	3,728	1,211	1,729	1,147	872
1964-----	5,926	1,999	2,770	1,656	1,357	1971-----	3,960	1,275	1,794	1,145	978
1965-----	5,734	1,896	2,695	1,580	1,299	1972-----	4,880	1,535	2,224	1,341	1,215
1966-----	3,791	1,261	1,801	1,103	867	1973-----	4,792	1,551	2,176	1,341	1,173
1967-----	3,107	1,036	1,450	935	734	1974-----	4,226	1,347	1,885	1,269	1,072
1968-----	4,363	1,455	1,965	1,306	1,025	1975-----	2,852	986	1,315	852	773
1969-----	3,925	1,282	1,835	1,234	905	1976-----	3,499	1,141	1,570	989	916

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 164.Table 153.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1963-76<sup>1</sup>

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1963-----	18.7	4.05	10.3	9.3	0.7	1.1	103.85	99.2	103.0	58,005
1964-----	18.4	3.98	10.4	10.6	.9	1.1	102.07	98.5	100.5	91,881
1965-----	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	108,828
1966-----	18.2	3.97	10.8	10.7	.9	1.3	101.84	98.8	101.0	71,072
1967-----	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,538
1968-----	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969-----	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522
1970-----	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971-----	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 <sup>2</sup> -----	17.3	3.92	-----	11.9	1.0	1.6	97.67	95.7	94.0	71,210
1973-----	18.0	3.94	-----	11.0	1.3	1.4	100.81	96.7	98.0	82,504
1974-----	17.7	3.82	-----	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975-----	18.0	3.75	-----	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976-----	17.7	3.88	-----	10.6	.7	1.8	98.93	98.4	97.5	52,048

<sup>1</sup> U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. <sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. <sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters. <sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter. <sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0. <sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture. <sup>7</sup> The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service. Data for 1964-62 in *Agricultural Statistics, 1978*, table 162.

Table 154.—Cottonseed oil, meal, and linters: Average price at specified points, 1963-76

Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>	Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1963-----	9.88	12.66	63.35	3.50	1970-----	14.71	18.81	72.60	3.83
1964-----	11.52	14.20	69.90	3.89	1971-----	13.23	17.63	73.90	4.01
1965-----	12.83	15.48	68.80	4.24	1972-----	13.72	17.88	144.80	3.91
1966-----	12.89	15.78	77.50	6.62	1973-----	31.87	34.28	138.00	9.63
1967-----	12.67	15.54	77.40	5.61	1974-----	31.29	34.76	123.00	8.30
1968-----	11.58	15.54	65.20	4.57	1975-----	24.59	35.60	141.80	5.84
1969-----	12.05	16.33	71.10	3.68	1976-----	25.29	31.21	199.20	5.68

See footnotes on page 117.



Table 155.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1974-76

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1974	1975	1976 <sup>2</sup>	1974	1975	1976 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
<b>North America:</b>						
Bermuda.....	13	9	9	0	0	0
Canada.....	10,566	10,562	9,319	1,905	1,239	1,524
Panama Canal Zone.....	0	0	0	0	0	0
Costa Rica.....	0	0	0	0	0	0
Dominican Republic.....	4,500	15,593	4,491	0	11	0
Guatemala.....	0	0	0	0	0	0
Haiti.....	4	44	0	0	0	0
Jamaica.....	3,186	924	1,982	0	0	0
Mexico.....	0	24	29	3,396	4,572	3,660
Netherlands Antilles.....	33	4	2	0	0	0
Panama.....	42	22	22	0	0	17
Other countries.....	1,334	1,254	2,604	30	0	0
<b>Total.....</b>	<b>28,678</b>	<b>28,456</b>	<b>18,458</b>	<b>5,331</b>	<b>5,822</b>	<b>5,201</b>
<b>South America:</b>						
Brazil.....	0	0	0	0	6	0
Colombia.....	0	0	1,116	0	0	0
Ecuador.....	46	44	0	0	0	0
Peru.....	0	0	0	0	0	0
Surinam.....	0	0	0	0	0	0
Venezuela.....	88,820	52,153	77,309	0	0	0
Other countries.....	2	7	13	0	0	0
<b>Total <sup>3</sup>.....</b>	<b>88,868</b>	<b>52,204</b>	<b>78,438</b>	<b>0</b>	<b>6</b>	<b>0</b>
<b>Europe:</b>						
Austria.....	904	1,100	0	0	0	0
Belgium and Luxembourg.....	560	13,371	11,991	0	0	0
Denmark.....	0	0	0	0	18,402	32,316
France.....	24	26	31	0	0	0
Germany, Fed. Rep. of.....	32,393	8,662	3,856	0	0	9,424
Ireland.....	0	0	0	0	0	0
Italy.....	4	0	7	0	0	0
Netherlands.....	661	13,691	21,894	0	0	0
Norway.....	0	0	0	4,928	0	3,724
Poland.....	0	0	0	330	0	0
Sweden.....	16,012	0	1,984	0	0	0
Switzerland.....	2,205	8,801	6,823	0	0	0
United Kingdom.....	7,513	9,290	9,725	0	0	0
Yugoslavia.....	0	0	0	0	0	0
Other countries.....	0	24	2,205	0	0	0
<b>Total <sup>3</sup>.....</b>	<b>60,276</b>	<b>55,465</b>	<b>58,510</b>	<b>5,258</b>	<b>18,402</b>	<b>45,464</b>
<b>Africa:</b>						
Morocco.....	0	0	0	0	0	0
Egypt.....	435,073	296,032	429,438	0	0	0
Other countries.....	22	3,644	46	17	0	0
<b>Total.....</b>	<b>435,095</b>	<b>299,676</b>	<b>429,504</b>	<b>17</b>	<b>0</b>	<b>0</b>
<b>Asia:</b>						
Hong Kong.....	1,770	300	187	0	0	0
India.....	0	0	0	0	0	0
Iran.....	43,290	24,823	44,390	0	0	0
Israel.....	0	18	0	0	0	0
Japan.....	20,027	27,276	45,424	661	0	0
Korea, Rep. of.....	1,184	1,224	1,922	0	0	0
Ryukyu Islands.....	0	0	0	0	0	0
Pakistan.....	2	0	0	0	0	0
Philippines.....	20	7	26	0	0	0
Saudi Arabia.....	24	53	0	0	0	0
Turkey.....	0	1,102	0	0	0	0
Other countries.....	132	5,251	60	0	0	0
<b>Total <sup>3</sup>.....</b>	<b>66,449</b>	<b>59,854</b>	<b>92,009</b>	<b>661</b>	<b>0</b>	<b>0</b>
<b>Oceania.....</b>	<b>5,529</b>	<b>4,125</b>	<b>13,338</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand total <sup>3</sup>.....</b>	<b>684,903</b>	<b>499,786</b>	<b>690,265</b>	<b>11,267</b>	<b>24,229</b>	<b>50,665</b>

<sup>1</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>2</sup> Preliminary. <sup>3</sup> May not add due to rounding.<sup>4</sup> Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 156.—Flaxseed: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1963.....	3,379	3,172	9.8	31,041	1,296	29,745	2.76	85,762
1964.....	2,965	2,825	8.6	24,401	1,232	23,169	2.82	68,901
1965.....	2,888	2,775	12.8	35,402	1,162	34,240	2.80	96,169
1966.....	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
1967.....	2,061	1,975	10.1	20,036	919	19,117	2.95	56,099
1968.....	2,177	2,092	12.9	26,983	1,180	25,803	2.81	75,694
1969.....	2,661	2,605	13.4	34,929	1,356	33,573	2.68	92,564
1970.....	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971.....	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972.....	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973.....	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974.....	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975.....	1,821	1,811	10.3	18,553	532	18,021	6.57	102,132
1976.....	1,076	985	7.9	7,820	655	7,165	7.98	55,477
1977 <sup>2</sup> .....	1,510	1,414	11.4	16,105	628	15,477	4.32	69,539

<sup>1</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1920-62 in *Agricultural Statistics, 1972*, tables 167 and 171.

Table 157.—Flaxseed: Stocks on and off farms, United States, 1963-77

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	12,618	10,443	7,697	1,443	23,070	19,160	16,500	11,673
1964.....	12,720	8,571	6,540	2,467	18,400	14,645	10,994	8,460
1965.....	20,488	12,953	10,509	3,449	14,879	18,812	15,828	11,870
1966.....	9,838	7,508	8,823	1,399	18,866	14,300	13,369	7,855
1967.....	8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,664
1968.....	14,764	9,041	8,978	2,085	12,442	12,449	9,945	7,706
1969.....	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970.....	14,991	11,213	8,927	3,148	38,270	28,152	28,025	23,605
1971.....	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972.....	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973.....	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974.....	7,984	4,022	2,781	1,150	4,599	3,745	1,907	1,100
1975.....	7,552	4,220	3,009	1,530	6,228	5,533	4,164	3,060
1976.....	4,116	2,853	2,070	1,070	4,971	4,375	2,879	1,934
1977 <sup>2</sup> .....	10,042	6,393	5,049	-----	4,307	5,168	3,845	-----

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, processing plants, and terminals.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1940-62 in *Agricultural Statistics, 1972*, table 172.

## FOOTNOTES FOR TABLE 154

<sup>1</sup> In tanks, f.o.b. Valley Points.

<sup>2</sup> Jumbo tank deliveries, New York.

<sup>3</sup> On basis of 41 percent protein, bulk carlots, Memphis.

<sup>4</sup> Weighted average price of linters per pound.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the National Provisioner, The Journal of Commerce, and reports of the U.S. Labor and Agriculture Departments. Data for 1940-62 in *Agricultural Statistics, 1972*, table 166.

Table 158.—Flaxseed: Supply and disappearance, United States, 1963-77

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings <sup>1</sup>	Total domestic disappearance <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	10,872	31,041	-----	41,713	2,084	3,702	19,336	26,329
1964.....	18,384	24,401	1	30,786	2,023	6,388	21,239	26,920
1965.....	12,866	38,402	-----	48,268	1,995	5,302	22,088	30,386
1966.....	17,882	23,390	-----	41,372	1,469	9,887	20,196	29,367
1967.....	11,905	20,035	-----	31,944	1,559	5,438	16,811	23,313
1968.....	8,631	26,983	1	35,615	1,968	9,531	14,438	23,993
1969.....	11,622	34,929	-----	46,551	2,365	6,505	14,289	23,511
1970.....	23,040	29,416	1	52,457	1,262	3,220	18,155	23,539
1971.....	28,898	18,198	74	47,170	933	910	21,022	23,967
1972.....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973.....	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974.....	4,052	14,083	130	18,265	1,231	372	13,386	15,334
1975.....	3,031	15,553	148	18,732	1,084	952	11,790	13,842
1976.....	4,890	7,820	2,169	14,879	-----	198	10,677	11,675
1977 <sup>3</sup> .....	3,004	16,105	-----	19,109	-----	-----	-----	-----

<sup>1</sup> From domestic and imported seed.<sup>2</sup> Total supply minus exports and stocks June 1 of following year.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics.

Table 159.—Flaxseed: Area, yield, and production, by States, 1975-77

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Minn.....	280	208	238	250	198	220	11.8	10.0	14.5	2,675	1,950	3,190
Mont.....	6	6	5	5	5	5	7.5	10.0	7.0	38	50	35
N. Dak.....	815	528	900	770	500	850	10.0	8.0	10.0	7,700	4,000	8,500
S. Dak.....	460	270	380	448	230	330	10.0	6.0	13.0	4,460	1,380	4,290
Tex. <sup>2</sup> .....	60	70	10	40	55	9	12.0	8.0	10.0	480	440	90
U.S.....	1,621	1,076	1,510	1,511	988	1,414	10.3	7.9	11.4	15,533	7,820	16,105

<sup>1</sup> Preliminary.<sup>2</sup> Includes area planted in preceding fall.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 160.—Flaxseed: <sup>1</sup> Area, yield, and production in specified countries and the world, 1975-77

Continent and country	Harvested area			Yield per acre			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada .....	1,401	801	1,421	0.318	0.346	0.429	445	277	610
United States .....	1,510	986	1,413	.262	.202	.289	395	199	409
Mexico .....	47	20	27	.574	.400	.370	27	8	10
<b>Total .....</b>	<b>2,958</b>	<b>1,807</b>	<b>2,861</b>	<b>.293</b>	<b>.268</b>	<b>3.60</b>	<b>867</b>	<b>484</b>	<b>1,029</b>
<b>South America:</b>									
Argentina .....	1,102	1,715	2,261	.342	.360	.332	377	617	750
Brazil <sup>3</sup> .....	35	35	25	.330	.280	.200	8	7	5
Chile <sup>4</sup> .....	2	2	2	.500	.500	.500	1	1	1
Uruguay <sup>5</sup> .....	242	242	242	.256	.256	.256	62	46	50
<b>Total <sup>4</sup> .....</b>	<b>1,371</b>	<b>1,994</b>	<b>2,530</b>	<b>.327</b>	<b>.338</b>	<b>.319</b>	<b>448</b>	<b>671</b>	<b>806</b>
<b>Europe:</b>									
Belgium <sup>6</sup> .....	22	22	25	.273	.364	.280	6	8	7
France <sup>6</sup> .....	64	49	32	.500	.327	.438	32	16	14
Italy <sup>6</sup> .....	5	5	5	.400	.200	.200	2	1	1
Netherlands <sup>6</sup> .....	12	12	15	.417	.417	.400	5	5	6
Spain <sup>6</sup> .....	2	2	2	.500	.500	.500	1	1	1
Other countries .....	0	0	0				0	0	0
<b>Total Western Europe <sup>4</sup> .....</b>	<b>105</b>	<b>90</b>	<b>79</b>	<b>.438</b>	<b>.344</b>	<b>3.67</b>	<b>46</b>	<b>31</b>	<b>29</b>
Czechoslovakia <sup>6</sup> .....	72	72	72	.167	.167	.167	12	12	12
German Dem. Rep. <sup>6</sup> .....	10	10	10	.200	.200	.200	2	2	2
Hungary .....	62	62	62	.290	.435	.435	18	27	27
Poland <sup>6</sup> .....	195	215	222	.155	.228	.221	36	49	49
Romania .....	208	161	161	.216	.311	.311	45	50	50
Other countries .....	0	0	0				0	0	0
<b>Total Eastern Europe .....</b>	<b>547</b>	<b>520</b>	<b>527</b>	<b>.207</b>	<b>.269</b>	<b>.266</b>	<b>113</b>	<b>140</b>	<b>140</b>
<b>Total Europe <sup>4</sup> .....</b>	<b>652</b>	<b>610</b>	<b>606</b>	<b>.244</b>	<b>.280</b>	<b>.379</b>	<b>159</b>	<b>171</b>	<b>169</b>
<b>Soviet Union <sup>4</sup> .....</b>	<b>3,467</b>	<b>3,000</b>	<b>2,987</b>	<b>.08</b>	<b>.112</b>	<b>.134</b>	<b>340</b>	<b>337</b>	<b>400</b>
<b>Africa:</b>									
Ethiopia <sup>7</sup> .....	247	247	247	.202	.202	.202	50	50	50
Morocco .....	5	2	0	.400	.600		2	3	0
Tunisia <sup>8</sup> .....	15	15	15	.133	.133	.133	2	2	2
Egypt <sup>9</sup> .....	49	49	49	.551	.490	.510	27	24	25
<b>Total <sup>4</sup> .....</b>	<b>316</b>	<b>313</b>	<b>311</b>	<b>.256</b>	<b>.252</b>	<b>.248</b>	<b>81</b>	<b>79</b>	<b>77</b>
<b>Asia:</b>									
Iran .....	17	17	17	.178	.178	.178	3	3	3
Iraq .....	2	5	5	.500	.200	.200	1	1	1
Turkey (Europe and Asia) <sup>6</sup> .....	32	30	30	.250	.233	.200	8	7	6
India <sup>4</sup> .....	5,117	5,236	4,754	.110	.114	.91	564	595	431
Pakistan <sup>7</sup> .....	20	20	20	.250	.250	.250	5	5	5
Other countries .....	32	32	32	.219	.219	.219	7	7	7
<b>Total <sup>4</sup> .....</b>	<b>5,220</b>	<b>5,340</b>	<b>4,858</b>	<b>.113</b>	<b>.116</b>	<b>.93</b>	<b>588</b>	<b>621</b>	<b>453</b>
<b>Oceania:</b>									
Australia <sup>7</sup> .....	52	32	96	.231	.469	.385	12	15	37
New Zealand .....	17	12	12	.824	.833	.833	14	10	10
<b>Total <sup>4</sup> .....</b>	<b>69</b>	<b>44</b>	<b>108</b>	<b>.377</b>	<b>.568</b>	<b>.435</b>	<b>26</b>	<b>25</b>	<b>47</b>
<b>World total <sup>4</sup> .....</b>	<b>14,053</b>	<b>13,098</b>	<b>14,261</b>	<b>.179</b>	<b>.182</b>	<b>.209</b>	<b>2,509</b>	<b>2,388</b>	<b>2,981</b>

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1977 was combined with the Southern Hemisphere harvest which began late in 1977 and ended early in 1978. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup> Preliminary. <sup>3</sup> Seeded area. <sup>4</sup> Includes estimates for the above countries for which data are not available and for minor producing countries. <sup>5</sup> Includes fiber flax area and seed production. <sup>6</sup> Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>7</sup> Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

**Table 161.—Flaxseed: Production, disposition, and value, by States, crop of 1977 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Minn.....	3,190	105	3,085	4.15	13,239	12,803
Mont.....	35	1	34	4.00	140	136
N. Dak.....	8,500	357	8,143	4.45	37,825	36,236
S. Dak.....	4,290	163	4,127	4.15	17,804	17,127
Tex.....	90	2	88	5.90	531	519
U.S.....	16,108	628	15,477	4.32	69,539	66,821

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 162.—Flaxseed: Price-support operations, United States, 1963-78**

Year beginning July	Support price		Put under support <sup>1</sup>		Acquired by CCC under support program <sup>2</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1963.....	2.90	75	12,923	41.6	11,219	10,616
1964.....	2.90	76	6,394	26.2	4,028	2,449
1965.....	2.90	75	11,303	31.9	9,430	12,352
1966.....	2.90	73	2,255	9.6	1,034	4,853
1967.....	2.90	73	2,707	13.5	1,207	2,115
1968.....	2.90	72	6,231	23.0	4,998	6,925
1969.....	2.75	64	13,006	37.2	12,307	16,651
1970.....	2.50	58	13,911	47.1	13,386	26,726
1971.....	2.50	56	6,867	37.7	3,852	18,717
1972.....	2.50	56	673	4.8	157	140
1973.....	2.50	51	137	.9	—	—
1974.....	2.50	41	63	.5	—	—
1975.....	( <sup>4</sup> )	—	—	—	—	—
1976.....	( <sup>4</sup> )	—	—	—	—	—
1977.....	( <sup>4</sup> )	—	—	—	—	—
1978.....	( <sup>4</sup> )	—	—	—	—	—

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Price support not authorized for the 1975, 1976, 1977, and 1978 crops.Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 173.**Table 163.—Flaxseed and linseed oil and meal: Average price, New York and Minneapolis, 1963-77**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton	
		New York <sup>2</sup>	Minneapolis <sup>2</sup>	New York <sup>2</sup>	Minneapolis <sup>2</sup>			New York <sup>2</sup>	Minneapolis <sup>2</sup>	New York <sup>2</sup>	Minneapolis <sup>2</sup>
	Dollars	Cents	Cents	Dollars	Dollars		Dollars	Cents	Cents	Dollars	Dollars
1963.....	3.05	14.0	13.0	79.90	61.20	1971.....	2.68	10.3	8.8	85.80	67.75
1964.....	3.14	14.7	13.7	75.10	59.10	1972.....	4.37	12.5	10.1	( <sup>3</sup> )	131.50
1965.....	3.08	14.0	12.9	86.80	70.55	1973.....	9.19	36.0	30.2	—	145.40
1966.....	2.92	15.8	12.8	96.05	76.40	1974.....	11.15	41.6	45.5	—	125.75
1967.....	3.19	14.2	13.1	94.35	75.50	1975.....	6.35	30.2	30.6	—	125.80
1968.....	3.07	13.2	12.1	91.50	71.10	1976.....	—	33.1	25.6	—	165.30
1969.....	2.87	12.7	11.8	89.95	66.00	1977 <sup>4</sup> .....	—	28.2	26.4	—	132.30
1970.....	2.65	11.0	9.6	87.75	62.10						

See footnotes on page 123.

Table 164.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1963-77

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June- Aug.	Sept.- Nov.	Dec.- Feb.	Mar.- May	Total	Stocks June 1	Pro- duction	Imports for con- sumption	Ex- ports and ship- ments	Pro- duction	Imports for con- sumption	Ex- ports and ship- ments
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1963.....	3,636	5,679	4,946	5,175	19,336	129	392 <sup>(1)</sup>	14	358	1	33	
1964.....	5,542	6,179	5,136	4,382	21,239	138	437 <sup>(1)</sup>	20	391 <sup>(1)</sup>	76		
1965.....	4,229	6,236	5,689	5,882	22,058	205	449 <sup>(1)</sup>	61	387	1	102	
1966.....	4,875	6,235	4,533	4,533	20,196	260	418 <sup>(1)</sup>	136	371	1	121	
1967.....	3,861	8,379	4,067	3,564	19,811	212	343 <sup>(1)</sup>	30	304	6	101	
1968.....	2,631	4,825	3,700	3,200	14,436	305	301 <sup>(1)</sup>	108	263	(2)	69	
1969.....	2,484	4,864	3,296	3,665	14,289	152	290 <sup>(1)</sup>	40	236	1	92	
1970.....	3,533	4,689	4,540	5,384	18,155	130	365 <sup>(1)</sup>	47	328	2	83	
1971.....	4,950	5,074	5,390	5,608	21,022	187	428 <sup>(1)</sup>	66	386	2	121	
1972.....	5,642	5,579	4,380	4,331	19,932	275	393 <sup>(1)</sup>	256	370	3	175	
1973.....	5,138	5,462	3,310	3,295	17,203	127	344 <sup>(1)</sup>	142	324	3	117	
1974.....	3,569	4,928	3,071	1,818	13,386	71	263 <sup>(1)</sup>	143	254 <sup>(1)</sup>	(1)	140	
1975.....	2,218	4,515	2,382	2,708	11,790	49	330 <sup>(1)</sup>	42	229		141	
1976.....	2,899	2,646	2,745	2,387	10,677	49	27 <sup>(1)</sup>	14	202 <sup>(1)</sup>	(1)	89	
1977 <sup>a</sup> .....	2,897	2,887				88						

<sup>1</sup> Less than 500,000 pounds. <sup>2</sup> Less than 500 tons. <sup>a</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data from the U.S. Department of Commerce. Data for 1949-82 in *Agricultural Statistics, 1972*, table 175.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, years beginning June 1, 1974-76

Continent and country of destination	Flaxseed			Linseed oil <sup>1</sup>			Linseed cake and meal		
	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
North America:									
Canada.....	0	0	0	1,019	783	282	2,406	991	345
Mexico.....	13	0	0	26	15	51	0	25	0
Panama.....	0	0	0	2	71	108	0	0	0
Other countries.....	29	0	0	156	481	214	0	0	0
Total <sup>2</sup> .....	42	0	0	2,103	1,330	653	2,406	1,016	345
South America:									
Peru.....	0	0	0	0	0	0	0	0	0
Venezuela.....	0	0	0	415	179	251	0	4	8
Other countries.....	0	0	0	173	55	148	0	0	0
Total.....	0	0	0	588	234	399	0	4	8
Europe:									
Belgium and Luxembourg.....	0	0	3	40,232	2,235	4,894	0	23	0
Denmark.....	0	0	0	0	0	0	0	0	0
France.....	0	0	0	0	0	31	699	0	0
Germany, Fed. Rep. of.....	5	302	16	138	0	82	50,927	87,665	54,542
Italy.....	0	0	0	10	2	11	0	0	0
Netherlands.....	22	342	171	50,565	30,327	84	59,525	43,095	25,474
Poland.....	0	0	0	27,153	12,390	7,727	26,453	9,502	8,602
Spain.....	0	0	0	18	11	0	0	0	0
Sweden.....	0	0	0	0	0	0	0	0	0
Switzerland.....	0	0	0	0	0	0	0	0	0
United Kingdom.....	0	0	0	18,615	4,471	26	0	0	0
Other countries.....	0	255	0	1,107	814	2	0	0	0
Total <sup>2</sup> .....	27	899	190	137,338	40,250	12,357	137,606	140,285	88,818
Soviet Union.....	0	0	0	0	0	0	0	0	0

See footnotes at end of table.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, years beginning June 1, 1974-76—Continued

Continent and country of destination	Flaxseed			Linseed oil <sup>1</sup>			Linseed cake and meal		
	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
Africa.....	0	0	0	11	18	15	0	0	0
Asia:									
Japan.....	0	0	0	306	37	168	0	0	0
Korea, Rep. of.....	0	0	0	63	110	4	0	0	0
Philippines.....	0	0	0	248	31	22	0	0	0
Other countries.....	0	0	0	19	44	117	0	0	0
Total.....	0	0	0	639	222	311	0	0	0
Oceania:									
Australia.....	0	0	0	2,312	51	53	0	0	0
Other countries.....	0	0	0	3	2	4	0	0	0
Total.....	0	0	0	2,315	53	57	0	0	0
Grand total <sup>2</sup> .....	4 759	4 952	4 196	142,792	42,106	13,797	140,018	141,305	89,171

<sup>1</sup> Preliminary.<sup>2</sup> Crude and refined combined as such.<sup>3</sup> Total may not add due to rounding.<sup>4</sup> Includes 690,000 bushels, 52,990 bushels, and 5,787 bushels transhipped via Canada to unidentified countries in 1974, 1975, and 1976, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 166.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1963-77

Crop of—	Area planted	Peanuts for nuts									Value of production
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold	Price		
					For seed <sup>2</sup>	Fed and lost	Household use				
1,000 acres	1,000 acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars		
1963.....	1,498	1,396	1,391	1,942,068	33,580	2,326	5,123	1,901,059	11.2	217,788	
1964.....	1,487.3	1,397.2	1,502	2,099,144	33,151	2,821	4,467	2,059,005	11.2	235,006	
1965.....	1,519.5	1,438.3	1,661	2,389,596	31,927	2,825	3,944	2,350,900	11.4	272,391	
1966.....	1,490.1	1,420.7	1,700	2,415,731	27,661	2,675	3,351	2,382,044	11.3	272,961	
1967.....	1,473.8	1,403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107	
1968.....	1,495.9	1,438.4	1,770	2,546,591	22,765	2,281	2,654	2,518,891	11.9	303,726	
1969.....	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358	
1970.....	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,957	
1971.....	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,657	13.6	408,371	
1972.....	1,532.8	1,496.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367	
1973.....	1,530.2	1,495.7	2,323	3,473,837	18,723	4,705		3,450,400	16.2	562,460	
1974.....	1,519.6	1,472.1	2,491	3,667,604	19,787	4,611		3,643,206	17.9	657,574	
1975.....	1,531.9	1,504.0	2,565	3,857,122		<sup>3</sup> 26,709		3,830,413	19.6	756,530	
1976.....	1,548.6	1,521.5	2,485	3,750,890		28,611		3,724,079	20.0	750,260	
1977 <sup>4</sup> .....	1,544.6	1,516.4	2,457	3,726,015		28,841		3,700,174	21.0	783,302	

<sup>1</sup> Net weight basis.<sup>2</sup> Seed used for planting the crop of the following year.<sup>3</sup> Beginning 1972, not estimated separately.<sup>4</sup> Beginning 1975, not estimated separately.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-82 in *Agricultural Statistics, 1972*, tables 177 and 181.

Table 167.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1963-77

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</sup>	Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>4</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	13,994	1,942,088	1,956,082	1,782,550	1971.....	14,223	3,005,118	3,019,341	2,650,298
1964.....	10,652	2,099,144	2,109,796	1,971,510	1972.....	27,394	3,274,761	3,302,155	2,888,272
1965.....	7,444	2,389,596	2,397,040	2,239,764	1973.....	56,899	3,473,837	3,530,736	3,050,986
1966.....	11,545	2,415,731	2,427,274	2,187,124	1974.....	38,392	3,667,604	3,705,996	3,222,924
1967.....	6,514	2,477,255	2,483,769	2,258,972	1975.....	226,991	3,857,122	4,084,113	3,451,504
1968.....	7,359	2,546,591	2,553,950	2,275,008	1976.....	250,005	3,750,890	4,000,895	3,453,100
1969.....	9,056	2,535,394	2,544,450	2,267,926	1977 <sup>4</sup> .....	54,366	3,681,312	3,735,678	.....
1970.....	2,809	2,983,121	2,985,930	2,615,892					

<sup>1</sup> Beginning Aug. 1, 1966, net weight basis.<sup>2</sup> Net weight basis.<sup>3</sup> Excludes peanuts milled for seed.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1940-62 in *Agricultural Statistics, 1972*, table 183.

Table 168.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1963-77

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>3</sup>	Production
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	268,376	33,800	111,287	0	52,565	5,341	154,945
1964.....	340,672	20,500	141,327	1	86,798	11,329	192,098
1965.....	373,547	19,800	155,591	2	23,273	5,195	206,610
1966.....	418,292	51,900	172,840	4	3,536	6,360	232,796
1967.....	483,992	47,800	199,205	8	5,782	19,122	266,341
1968.....	491,447	34,500	205,222	37	25,747	9,148	275,210
1969.....	457,127	33,700	181,961	41	35,663	8,876	243,545
1970.....	600,855	25,337	253,544	32	43,999	7,738	340,351
1971.....	612,322	41,784	259,994	15	74,885	21,887	334,428
1972.....	638,755	32,110	268,950	23	104,907	2,979	350,769
1973.....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974.....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975.....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976.....	833,158	136,926	362,611	32	45,678	5,863	496,544
1977.....	.....	221,545	.....	.....	.....	11,710	.....

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Data for 1940-62 in *Agricultural Statistics, 1972*, table 182.

## FOOTNOTES FOR TABLE 163

<sup>1</sup> Year beginning August for flaxseed; July for oil and meal.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.<sup>4</sup> Bulk carlots, 32 to 37 percent protein.<sup>5</sup> Discontinued.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-62 in *Agricultural Statistics, 1972*, table 174.



Table 169.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1963-77

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1963.....	14,982	86,731	1,801	103,514	1,981	84,164	0.44
1964.....	17,369	83,050	1,485	101,904	9,143	78,243	.40
1965.....	14,518	93,837	751	109,106	4,553	90,846	.46
1966.....	13,707	92,173	1,512	107,392	964	92,850	.47
1967.....	13,578	93,328	1,708	108,614	383	92,879	.46
1968.....	15,372	103,380	871	119,623	992	103,766	.51
1969.....	14,865	107,026	301	122,092	1,530	104,503	.51
1970.....	16,050	119,146	1,289	136,474	6,436	114,072	.55
1971.....	15,966	121,009	1,399	138,274	35,801	81,588	.39
1972.....	20,885	113,341	1,039	135,265	4,389	113,237	.54
1973.....	17,659	149,803	79	167,341	66,094	86,053	.41
1974.....	15,092	152,185	127	147,404	17,703	111,872	.53
1975.....	17,829	154,768	187	172,784	22,708	119,506	.56
1976.....	30,587	150,764	6	181,338	24,765	138,416	.65
1977.....	18,157	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes shipments to Puerto Rico; data through 1964 include shipments to Virgin Islands.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade data for the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1972*, table 185.

Table 170.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1963-77

Year beginning August	Supply						Exports <sup>1</sup>	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	236,871	2,089	951,296	243,028	214	1,433,498	67,694	268,376
1964.....	245,571	2,729	1,098,481	359,299	501	1,806,581	122,476	340,673
1965.....	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547
1966.....	249,316	8,969	1,176,839	361,026	577	1,796,708	166,316	418,292
1967.....	245,678	19,066	1,272,713	347,543	557	1,885,587	148,296	483,999
1968.....	319,717	28,517	1,252,042	352,067	789	1,853,202	79,623	491,467
1969.....	226,768	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127
1970.....	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,555
1971.....	290,965	27,081	1,385,565	518,747	559	2,223,237	403,397	812,333
1972.....	224,529	33,783	1,803,124	567,067	443	2,328,946	385,585	638,735
1973.....	240,686	28,586	1,678,534	509,308	444	2,454,556	523,986	513,552
1974.....	356,732	16,126	1,557,098	558,409	466	2,491,851	548,083	443,068
1975.....	279,491	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976.....	315,667	83,174	1,737,043	729,842	66	2,895,792	580,496	835,158
1977.....	372,518	29,803						

<sup>1</sup> Includes shipments to Puerto Rico; data for 1963 and 1964 include shipments to Virgin Islands.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1972*, table 184.

Table 171.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1963-76

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sandwiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Virginia:</b>							
1963.....	51,987	6,951	141,860	40,285	4,312	245,375	-----
1964.....	55,221	6,233	141,283	44,870	4,200	251,827	-----
1965.....	69,871	7,565	150,476	51,389	5,506	284,807	-----
1966.....	68,663	7,970	163,676	54,861	5,371	300,541	-----
1967.....	48,585	7,025	168,652	58,815	5,533	289,510	-----
1968.....	36,418	8,548	173,447	57,444	4,940	282,794	-----
1969.....	47,355	8,955	177,319	56,579	4,871	286,170	-----
1970.....	50,294	7,895	176,816	58,729	5,895	299,629	-----
1971.....	40,685	8,211	173,597	52,157	4,550	279,200	-----
1972.....	46,435	7,770	167,941	50,597	4,508	277,251	-----
1973.....	72,614	3,821	171,095	53,052	4,336	305,518	-----
1974.....	67,461	2,978	132,861	51,278	3,180	257,758	-----
1975.....	62,344	3,068	147,933	52,335	2,746	268,326	-----
1976.....	46,167	4,566	98,992	49,876	2,322	201,833	-----
<b>Runner:</b>							
1963.....	241,020	9,580	2,930	32,601	7,582	293,713	-----
1964.....	241,217	9,988	4,199	29,552	7,399	292,349	-----
1965.....	235,617	9,925	3,965	32,093	8,668	290,268	-----
1966.....	210,146	9,800	5,116	41,144	7,703	273,999	-----
1967.....	239,313	10,335	5,087	51,096	8,449	314,280	-----
1968.....	212,443	9,795	6,405	62,177	9,608	300,431	-----
1969.....	309,676	10,318	6,217	71,252	9,600	307,063	-----
1970.....	232,567	9,941	5,820	85,373	7,743	351,444	-----
1971.....	250,903	12,004	11,948	109,463	8,431	392,749	-----
1972.....	265,938	12,983	29,665	122,164	8,694	439,444	-----
1973.....	330,043	16,020	51,555	115,278	10,502	523,398	-----
1974.....	415,720	13,781	86,092	101,726	7,435	624,756	-----
1975.....	447,182	15,204	94,633	124,423	9,742	691,184	-----
1976.....	455,900	17,192	102,603	121,193	11,874	708,763	-----
<b>Spanish:</b>							
1963.....	169,088	4,146	54,649	76,540	3,261	307,764	-----
1964.....	183,655	4,024	56,995	86,118	4,253	335,016	-----
1965.....	194,002	4,012	58,918	96,577	4,139	357,648	-----
1966.....	201,578	4,756	59,929	102,422	4,325	373,010	-----
1967.....	225,830	4,133	58,891	106,235	3,250	398,348	-----
1968.....	273,892	3,735	60,188	106,781	3,954	448,500	-----
1969.....	283,483	4,354	57,375	106,444	3,714	455,370	-----
1970.....	287,489	7,481	56,188	89,137	3,833	414,208	-----
1971.....	265,259	5,579	56,106	84,426	3,867	415,157	-----
1972.....	265,683	4,893	56,834	87,057	4,371	418,863	-----
1973.....	257,314	4,041	61,057	83,174	4,457	410,043	-----
1974.....	167,803	3,609	59,332	64,028	2,764	298,536	-----
1975.....	138,631	2,685	59,096	62,918	3,500	266,812	-----
1976.....	115,870	2,460	52,227	63,961	3,726	238,244	-----
<b>All types:</b>							
1963.....	463,075	20,677	199,439	140,406	15,255	846,882	84,344
1964.....	480,065	20,285	202,448	160,534	15,852	879,192	85,901
1965.....	499,490	21,802	213,359	180,059	16,313	932,723	94,848
1966.....	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967.....	513,728	22,393	232,630	216,146	17,241	1,002,138	91,534
1968.....	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887
1969.....	540,514	21,685	240,911	236,375	21,148	1,080,603	105,831
1970.....	540,350	25,317	238,804	243,239	17,671	1,065,281	119,236
1971.....	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972.....	578,061	26,646	254,430	259,848	17,573	1,135,555	116,567
1973.....	639,871	23,982	284,307	251,564	19,265	1,238,959	132,070
1974.....	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975.....	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976.....	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964-62 in *Agricultural Statistics, 1972*, table 188.

Table 172.—Peanuts: Area, yield, and production, by States, 1975-77

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production <sup>a</sup>		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.....	208.0	216.0	216.0	206.0	214.0	215.0	2,600	2,400	2,740	535,600	513,600	586,100
Fla.....	63.0	63.0	63.0	65.0	65.0	65.0	3,230	3,000	3,100	177,650	165,000	170,500
Ga.....	725.0	829.0	530.0	824.0	826.0	826.0	3,265	2,955	2,850	1,726,580	1,554,330	1,490,100
Miss.....	9.0	9.0	7.5	8.7	8.5	7.0	1,550	1,450	1,650	13,485	12,325	11,550
N. Mex.....	8.9	8.6	9.6	8.8	9.5	9.4	2,290	2,250	2,700	20,152	21,660	25,380
N.C.....	167.0	168.0	169.0	165.0	166.0	166.0	2,265	2,655	2,675	373,725	440,790	444,050
Okl.....	122.0	134.0	133.0	115.0	120.0	120.0	2,030	2,050	2,250	232,360	246,000	267,600
S.C.....	16.0	16.0	15.5	15.5	15.5	15.0	1,900	1,590	2,060	29,450	24,645	31,200
Tex.....	307.0	310.0	306.0	304.0	304.0	300.0	1,525	1,525	1,315	463,600	364,500	394,500
Va.....	104.0	104.0	105.0	102.0	103.0	103.0	2,790	3,000	2,845	284,580	309,000	293,035
U.S.....	1,531.9	1,548.6	1,544.6	1,504.0	1,521.5	1,516.4	2,565	2,465	2,457	3,857,122	3,750,890	3,726,015

<sup>1</sup> Preliminary. <sup>2</sup> Net weight basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 173.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per pound	Value of—	
					Production	Sales
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
Ala.....	589,100	2,356	589,744	22.2	130,780	130,287
Fla.....	170,500	511	169,989	20.7	35,294	35,188
Ga.....	1,499,100	4,497	1,494,603	20.9	313,312	312,372
Miss.....	11,550	551	11,019	22.0	2,541	2,424
N. Mex.....	25,380	254	25,126	25.0	6,345	6,282
N.C.....	444,050	8,437	435,613	20.6	91,474	89,736
Okl.....	267,600	535	267,065	21.4	57,266	57,152
S.C.....	31,200	312	30,888	21.0	6,552	6,486
Tex.....	394,500	789	393,711	19.6	77,332	77,167
Va.....	293,035	7,619	285,416	21.3	62,416	60,794
U.S.....	3,726,015	25,841	3,700,174	21.0	783,302	777,858

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 174.—Peanuts, farmers' stock: Average price per pound to growers, 1963-77 <sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish	New Mexico Valencia	Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish	New Mexico Valencia
1963.....	11.5	10.9	12.0	11.3	12.3	1971.....	14.2	14.6	13.9	13.6	13.8
1964.....	12.8	11.0	12.0	11.2	12.7	1972.....	14.6	15.1	14.7	14.2	15.2
1965.....	12.1	11.0	12.0	11.3	12.0	1973.....	16.2	16.6	15.9	15.6	16.9
1966.....	12.2	10.6	11.6	11.3	11.4	1974.....	17.6	18.5	17.6	17.4	17.7
1967.....	11.9	11.4	11.8	10.9	12.4	1975.....	18.7	19.3	18.4	18.2	22.5
1968.....	13.0	11.5	12.5	11.8	13.0	1976.....	19.9	20.1	19.3	19.0	24.5
1969.....	13.4	12.4	12.2	12.4	13.6	1977.....	21.5	22.1	20.6	20.8	24.5
1970.....	13.8	13.0	13.4	12.5	13.9						

<sup>1</sup> Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.<sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and in the Southwestern States.Agricultural Marketing Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 187.

Table 175.—Peanuts, farmers' stock: Price-support operations, United States, 1963-77

Year beginning August	Support price		Put under support <sup>2,3</sup>		Owned by COC July 31 <sup>4</sup>
	Per pound	Percentage of parity <sup>1</sup>	Quantity	Percentage of production	
	Cents	Percent	Million pounds	Percent	Million pounds
1963.....	11.2	80	451	23.2	107
1964.....	11.2	79	645	30.7	65
1965.....	11.2	77	733	30.7	89
1966.....	11.35	77	814	33.7	114
1967.....	11.35	75	685	27.7	12
1968.....	12.012	78	699	27.4	(9)
1969.....	12.375	78	622	24.5	(9)
1970.....	12.75	75	1,084	36.3	11
1971.....	13.425	75	1,238	41.2	4
1972.....	14.25	75	1,277	39.0	24
1973.....	16.425	75	1,029	29.6	0
1974.....	18.3	75	1,072	29.2	552
1975.....	19.725	75	1,136	29.5	958
1976.....	20.7	75	854	22.8	0
1977.....	21.525	75	535	14.5	0

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made and direct purchases.<sup>3</sup> Includes shelled peanuts converted to farmers' stock basis.<sup>4</sup> Less than 500,000 pounds.Agricultural Stabilization and Conservation Service. Data for 1949-52 in *Agricultural Statistics, 1978*, table 180.Table 176.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1967-76<sup>1</sup>

Classification	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
<b>Southeastern area:</b>										
Georgia, Alabama, and Florida:										
Shelled:										
Runner Jumbo <sup>2</sup> .....					24½	25½	29½	32½	33½	34½
Runner Select <sup>2</sup> .....	20½	21½	22	20½	23½	24½	28½	27½	30½	31½
Runner U.S. Splits.....	18½	19½	20½	20½	22½	23½	26	28½	27½	26½
Spanish No. 1.....	20½	21½	21½	21½	23½	24½	30½	30½	33½	34½
Spanish U.S. Splits.....	18½	19½	20½	21½	22½	23½	26½	27½	27½	28½
<b>Virginia-North Carolina:</b>										
Clean unshelled Virginias:										
Fancy.....	19½	21½	20½	21½	23½	23½	26½	33½	30½	32½
Shelled Virginias:										
Extra large.....	26½	25½	26½	25½	27½	32½	34½	40½	39½	39½
Medium.....	24½	24½	23½	22½	26½	29½	32½	34½	36½	37½
No. 2.....	18½	19½	19½	20½	22½	23½	25½	25½	24½	25½
<b>Southwestern area:</b>										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1.....	19½	20½	22	21½	23½	24½	30½	30½	34½	36½
Spanish U.S. Splits.....	18½	19½	20½	21½	23	23½	26½	27½	27½	27½
New Mexico: <sup>3</sup>										
Handpicked unshelled Valencias <sup>4</sup> .....	18½	19½	20	20½	21½	22	25½	29½	31½	32½

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.<sup>2</sup> Not reported before 1971 crop.<sup>3</sup> 1967-73 crops included various screen sizes that would pass through the 1/16" x 3/16" screen.<sup>4</sup> No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 177.—Peanuts:<sup>1</sup> Area and production in specified countries and the world, 1975-77

Continent and country	Harvested area <sup>2</sup>			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>4</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
United States.....	1,805	1,822	1,817	1,780	1,781	1,890
Mexico.....	63	94	99	64	48	55
Cuba.....	37	37	37	15	15	15
Dominican Republic.....	121	138	128	60	70	60
Other countries.....	10	10	10	2	2	2
Total <sup>4</sup> .....	1,735	1,801	1,791	1,891	1,836	1,922
South America:						
Argentina.....	882	784	914	375	338	680
Brazil <sup>5</sup> .....	593	907	593	335	514	324
Paraguay.....	47	52	52	15	18	18
Uruguay.....	5	5	5	3	3	3
Other countries.....	94	88	89			
Total.....	1,621	1,816	1,653	766	915	998
Europe:						
Total (including Soviet Union).....	29	32	32	24	23	24
Africa:						
Sudan.....	2,100	1,841	1,841	931	705	650
Egypt.....	32	32	32	28	28	30
Cameroon.....	499	499	499	80	90	90
Ghana.....	279	279	279	93	86	90
Zaire.....	667	667	667	268	289	289
Gambia.....	427	427	427	137	125	100
Ivory Coast.....	128	128	128	48	48	48
Madagascar.....	104	104	104	48	48	48
Mali.....	240	240	240	100	125	125
Mozambique <sup>6</sup> .....	494	494	494	72	72	80
Niger.....	628	628	628	25	125	100
Nigeria.....	2,273	2,273	2,026	332	350	643
Malawi.....	591	591	591	165	165	165
Southern Rhodesia.....	420	420	420	120	122	110
Zambia.....	247	247	247	100	100	100
Senegal.....	3,217	3,249	2,666	1,424	1,182	677
South Africa <sup>5</sup> .....	544	388	432	256	146	230
Other countries.....	2,677	2,660	3,856	772	770	771
Total <sup>4</sup> .....	15,567	15,164	15,577	4,999	4,876	4,346
Asia:						
Israel.....	12	15	15	19	22	22
Turkey (Europe and Asia).....	44	57	84	40	55	82
China, People's Rep. of.....	5,436	5,436	5,683	2,700	2,750	2,550
China, Rep. of.....	158	158	158	91	89	90
Burma <sup>5</sup> .....	1,651	1,651	1,651	450	450	450
India.....	17,846	17,169	17,297	6,755	5,282	5,500
Indonesia.....	1,174	1,016	1,016	542	475	450
Japan <sup>5</sup> .....	101	94	86	71	65	63
Pakistan <sup>5</sup> .....	109	111	111	62	65	65
Philippines.....	136	151	151	36	40	40
Thailand.....	297	297	297	260	272	275
Other countries.....	410	408	407	174	193	185
Total <sup>4</sup> .....	27,374	26,563	26,926	11,200	9,736	9,742
Oceania: Australia.....	59	67	79	32	35	39
World total <sup>4</sup> .....	46,385	45,443	46,058	18,912	17,121	16,909

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes estimates for the above countries for which data are not available.

<sup>5</sup> Planted area.

<sup>6</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## SOYBEANS

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Table 178.—Soybeans: Area, yield, production, disposition, and value, United States, 1963-77

Year	Area planted	Soybeans for beans							Season average price per bushel received by farmers <sup>1</sup>	Value of production
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold			
					For seed	Fed to livestock				
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	
1963.....	29,462	28,615	24.4	699,165	20,117	898	678,150	2.51	1,758,076	
1964.....	31,721	30,793	22.8	700,921	21,219	853	678,549	2.62	1,836,441	
1965.....	35,227	34,449	24.8	845,808	21,970	852	822,786	2.54	2,151,305	
1966.....	37,294	36,548	25.4	928,481	23,322	949	904,210	2.75	2,553,613	
1967.....	40,819	39,505	24.5	976,439	23,062	921	952,426	2.49	2,433,519	
1968.....	42,265	41,391	26.7	1,106,958	21,301	873	1,084,784	2.43	2,688,571	
1969.....	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204	
1970.....	43,082	42,249	28.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710	
1971.....	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022	
1972.....	46,866	45,683	27.8	1,270,808	22,869	1,116	1,246,923	4.37	5,550,074	
1973.....	56,549	55,667	27.8	1,547,543	22,821	1,250	1,523,722	5.68	8,790,042	
1974.....	52,479	51,341	23.7	1,216,287	24,263	1,054	1,190,970	6.64	8,678,943	
1975.....	54,550	53,579	28.9	1,547,383	21,055		1,526,328	4.92	7,617,984	
1976.....	50,226	49,358	26.1	1,287,560	23,893		1,263,667	6.81	8,768,979	
1977 <sup>2</sup> .....	59,080	57,911	29.6	1,716,334	26,006		1,690,328	5.79	9,944,975	

<sup>1</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>2</sup> Beginning 1975, not estimated separately.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, tables 189 and 192.

Table 179.—Soybeans: Stocks on and off farms, United States, 1963-78

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Sept. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	225,921	134,600	36,289	3,946	303,282	207,489	101,551	11,066
1964.....	260,422	190,607	72,599	15,144	297,510	185,825	98,216	16,767
1965.....	190,728	98,002	22,982	7,568	334,820	249,035	108,465	22,131
1966.....	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967.....	344,394	217,411	84,611	41,628	377,041	240,500	114,170	48,611
1968.....	350,816	235,842	120,602	60,709	432,333	301,182	164,389	105,618
1969.....	410,168	276,930	141,360	71,852	580,329	432,343	316,615	254,992
1970.....	372,089	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971.....	391,980	246,491	90,598	20,554	853,012	569,063	190,832	78,226
1972.....	397,631	218,618	88,440	11,779	491,387	333,677	174,304	60,183
1973.....	428,768	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974.....	607,233	331,211	150,738	64,414	582,756	405,943	190,865	106,337
1975.....	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,622
1976.....	590,466	411,366	253,963	86,150	665,689	458,253	300,938	188,781
1977.....	473,120	227,723	92,374	32,748	559,045	390,214	243,333	79,168
1978 <sup>3</sup> .....	656,904	384,772			661,287	457,840		

<sup>1</sup> Beginning 1976, estimates are for June 1.<sup>2</sup> Old crop only. Prior to 1966, estimates are for Oct. 1.<sup>3</sup> Stocks at mills, elevators, warehouses, processing plants, terminals, and those owned by Commodity Credit Corporation which are in transit to ports or stores in their own bins.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 194.

Table 180.—Soybeans: Supply and disappearance, United States, 1963-77

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	.....	.....	.....	46,000	699,165	745,165
1964.....	.....	.....	.....	67,300	700,921	768,221
1965.....	.....	.....	.....	29,700	845,668	875,368
1966.....	4,412	31,227	.....	35,639	928,481	964,120
1967.....	41,626	48,511	.....	90,137	976,439	1,066,576
1968.....	60,709	105,589	29	166,327	1,106,958	1,273,285
1969.....	71,852	240,666	5,326	328,944	1,133,120	1,462,064
1970.....	40,580	180,518	8,738	229,836	1,127,100	1,356,936
1971.....	20,554	78,223	2	98,779	1,176,101	1,274,880
1972.....	11,779	60,183	.....	71,962	1,270,608	1,342,570
1973.....	9,412	80,222	.....	89,634	1,547,543	1,637,177
1974.....	64,414	106,337	.....	170,751	1,216,287	1,387,038
1975.....	78,229	109,922	.....	188,151	1,547,383	1,735,534
1976.....	86,150	158,781	.....	244,931	1,287,260	1,532,191
1977 <sup>2</sup> .....	32,748	70,188	.....	102,936	1,716,334	1,819,270

  

Year beginning September	Disappearance				
	Seed	Crushed <sup>3</sup>	Feed and residual	Net exports <sup>4</sup>	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1963.....	36,011	436,821	17,832	187,201	677,865
1964.....	40,285	478,980	7,062	212,178	738,522
1965.....	42,752	537,477	8,849	250,891	839,969
1966.....	47,110	559,403	5,879	261,891	873,983
1967.....	48,563	576,390	8,719	266,877	900,249
1968.....	47,302	605,920	6,443	295,778	949,441
1969.....	48,533	737,349	11,644	432,602	1,230,128
1970.....	48,105	790,129	16,122	433,801	1,288,157
1971.....	50,988	720,544	14,559	416,829	1,202,918
1972.....	60,755	721,800	20,940	479,441	1,282,936
1973.....	56,093	821,313	19,890	539,130	1,436,426
1974.....	57,226	701,262	19,697	420,702	1,198,887
1975.....	53,542	865,121	16,845	555,095	1,490,603
1976.....	65,000	790,185	10,321	564,069	1,429,575

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Reported by the U.S. Department of Commerce.

<sup>4</sup> Imports negligible.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1953-62 in *Agricultural Statistics, 1978*, table 196.

## FOOTNOTES FOR TABLE 182

<sup>1</sup> Includes estimates of foreign donations not reported by the U.S. Department of Commerce.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data from the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 105.



Table 181.—Soybeans: Area, yield, and production, by States, 1975-77

State	Area planted			Soybeans for beans								
	1975	1976	1977 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.	1,300	1,300	1,650	1,280	1,170	1,600	24.5	24.0	21.0	30,870	28,080	33,600
Ark.	4,750	4,360	4,650	4,700	4,320	4,600	25.0	19.0	22.0	117,500	82,080	101,200
Del.	228	208	230	225	208	235	25.0	24.0	23.0	5,625	4,920	5,175
Fla.	291	259	334	231	253	327	24.0	26.0	24.0	6,744	6,578	7,648
Ga.	1,190	890	1,250	1,160	870	1,090	25.5	22.5	20.0	29,580	20,445	21,800
Ill.	8,350	7,600	8,900	8,320	7,560	8,850	36.0	33.0	37.0	309,520	249,480	327,450
Ind.	3,650	3,300	3,900	3,630	3,280	3,870	33.5	34.0	36.0	121,605	111,520	139,320
Iowa	7,000	6,470	7,250	6,970	6,450	7,230	34.0	31.0	34.0	236,980	199,950	245,820
Kans.	1,100	900	1,020	1,080	885	990	21.0	15.0	28.0	22,680	12,975	27,720
Ky.	1,150	1,100	1,400	1,100	1,070	1,360	27.0	27.0	29.5	29,700	28,990	40,120
La.	2,000	2,250	2,750	1,920	2,250	2,690	35.0	28.0	33.5	48,000	63,000	82,980
Mad.	335	300	320	330	295	320	28.0	28.0	28.0	9,240	7,375	8,320
Mich.	615	570	720	610	545	720	26.0	20.5	29.0	15,850	11,553	20,880
Minn.	3,700	3,050	3,850	3,650	3,020	3,810	27.0	22.0	35.0	98,550	66,440	133,350
Miss.	3,230	3,335	3,750	3,120	3,250	3,650	22.5	22.0	30.5	70,200	71,500	74,825
Mo.	4,450	4,300	4,880	4,370	4,200	4,800	26.0	20.0	30.0	113,620	84,000	144,000
Nebr.	1,220	995	1,200	1,200	980	1,180	27.0	20.0	34.0	32,400	19,900	40,120
N.J.	104	140	185	102	135	177	26.0	24.0	23.0	2,652	3,312	4,071
N.Y.	11	12	16	11	12	13	27.0	26.0	23.0	297	312	299
N.C.	1,500	1,220	1,450	1,420	1,120	1,320	23.5	22.0	22.0	33,370	24,640	29,040
N. Dak.	180	150	195	149	147	190	19.5	12.5	20.0	2,906	1,828	2,900
Ohio	2,120	2,900	3,400	2,100	2,880	3,380	33.0	33.0	34.5	102,300	95,040	116,610
Okl.	245	260	290	237	250	275	22.0	22.0	22.0	5,214	5,500	6,050
Pa.	54	52	70	52	50	67	28.0	29.0	29.0	1,456	1,480	1,943
S.C.	1,420	1,230	1,350	1,380	1,190	1,300	22.0	18.0	30.0	30,300	21,420	26,000
S. Dak.	345	280	310	342	271	305	25.0	17.0	30.0	8,550	4,907	9,150
Tenn.	1,950	1,920	2,300	1,850	1,800	2,200	25.0	22.5	23.0	46,250	40,500	50,600
Tex.	395	375	800	370	347	760	25.0	26.0	26.0	9,250	9,022	19,760
Va.	451	410	440	433	398	430	25.0	18.5	18.5	10,825	8,189	7,955
Wa.	216	180	200	207	182	192	25.5	22.0	24.0	5,279	3,944	4,528
U.S.	54,550	50,228	59,080	53,570	49,358	57,911	28.9	26.1	29.6	1,547,383	1,287,580	1,716,334

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 182.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1963-77

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports and shipments	Stocks Oct. 1	Production	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1963.	119,137	104,343	106,671	110,768	440,917	920	4,822	1,106	159	10,909	1,478
1964.	131,139	121,617	116,197	104,121	473,074	578	5,146	1,357	122	11,286	2,036
1965.	141,237	144,717	138,069	117,730	542,353	297	5,800	948	108	12,901	2,604
1966.	143,683	142,106	148,507	138,054	569,350	462	6,076	1,108	132	13,453	2,687
1967.	162,600	146,060	140,990	120,777	570,427	866	6,052	993	136	13,690	2,869
1968.	162,479	149,442	155,465	147,537	615,223	540	6,531	899	145	14,561	3,044
1969.	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970.	200,750	191,422	188,632	180,482	761,265	543	8,265	1,782	137	18,035	4,560
1971.	183,334	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972.	206,728	199,780	172,122	132,446	711,046	785	7,501	1,088	192	16,706	4,745
1973.	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,545
1974.	182,656	178,196	163,557	179,710	704,149	794	7,375	1,090	80	16,702	4,299
1975.	220,260	222,106	231,457	203,666	877,489	661	9,630	1,034	358	20,754	5,145
1976.	219,012	218,168	194,431	151,666	773,277	1,251	8,578	1,608	355	18,488	4,614
1977 <sup>1</sup> .	247,701					767			228		

See footnotes on page 130.

Table 183.—Soybeans for beans: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	33,000	302	33,298	5.75	193,200	191,484
Ark.....	101,200	2,125	99,075	5.30	637,560	624,173
Del.....	5,178	191	4,984	5.40	27,945	26,914
Fla.....	7,848	71	7,777	5.00	47,088	46,662
Ga.....	21,800	676	21,124	5.95	129,710	125,858
Ill.....	327,450	3,602	323,848	5.90	1,931,565	1,910,703
Ind.....	139,320	1,672	137,648	5.50	766,260	757,064
Iowa.....	245,820	2,704	243,116	5.80	1,425,758	1,410,073
Kans.....	27,720	721	26,999	5.35	148,302	144,445
Ky.....	40,120	522	39,598	5.20	248,744	245,508
La.....	62,980	253	62,728	5.80	365,284	363,822
Mad.....	5,320	291	5,029	5.50	45,760	44,180
Mich.....	29,880	543	29,337	5.90	116,025	113,887
Minn.....	133,350	2,267	131,083	5.80	746,760	734,055
Miss.....	74,825	1,347	73,478	6.35	475,139	466,583
Mo.....	144,000	2,304	141,696	5.65	813,000	800,582
Nebr.....	40,120	883	39,237	5.50	220,060	215,904
N.J.....	4,071	98	3,973	5.55	22,594	22,050
N.Y.....	299	25	274	5.10	1,525	1,397
N.C.....	29,040	668	28,372	5.95	172,788	168,813
N. Dak.....	2,800	106	2,694	5.40	20,520	19,944
Ohio.....	116,610	1,749	114,861	5.85	655,847	648,955
Okl.....	6,050	188	5,862	5.25	31,763	30,776
Pa.....	1,943	87	1,856	5.50	10,087	10,208
S.C.....	26,000	806	25,194	5.90	153,400	148,645
S. Dak.....	9,150	236	8,914	5.40	49,410	48,028
Tenn.....	50,600	981	49,639	5.85	296,010	290,388
Tex.....	19,760	59	19,701	5.55	105,716	108,490
Va.....	7,058	302	7,853	5.90	46,130	44,387
Wis.....	6,528	228	6,300	5.35	34,025	33,705
U.S.....	1,716,334	26,006	1,690,328	5.79	9,944,975	9,794,300

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 184.—Soybeans: Price-support operations, United States, 1963-78

Year beginning September <sup>1</sup>	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31 <sup>1</sup>
	Per bushel	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1963.....	2.25	75	72,635	10.4	12,191	3,009
1964.....	2.25	74	28,573	4.1	8	9
1965.....	2.25	74	86,517	10.2	29	9
1966.....	2.80	78	153,521	18.5	26,421	7,340
1967.....	2.80	76	201,371	20.6	84,361	29,435
1968.....	2.80	74	340,271	30.8	170,102	171,423
1969.....	2.25	62	179,499	15.9	232	150,191
1970.....	2.25	60	146,420	13.0	37	2,500
1971.....	2.25	56	188,204	14.3	45	1
1972.....	2.25	54	90,555	7.1	7	7
1973.....	2.25	45	124,177	8.0	4	-----
1974.....	2.25	37	34,554	2.8	-----	-----
1975.....	(p)	-----	-----	-----	-----	-----
1976.....	2.50	34	23,491	1.7	-----	-----
1977.....	3.50	46	* 95,800	5.6	-----	-----
1978.....	4.50	53	-----	-----	-----	-----

<sup>1</sup> Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>4</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>5</sup> Price support not authorized for the 1975 crop.<sup>6</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1977*, table 198.

Table 185.—Soybeans, soybean oil, and meal: Average price at specified markets, 1963-76

Year beginning October	Soybeans, per bushel: No. 2 Yellow, Chicago <sup>1</sup>		Oil, domestic, per pound		Year beginning October	Soybeans, per bushel: No. 2 Yellow, Chicago <sup>1</sup>		Oil, domestic, per pound		Meal, per ton: 44 percent protein, bulk, Decatur
	Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>	Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>		Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>	Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>	
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars	
1963.....	2.74	8.5	10.7	71.00	1970.....	2.98	12.9	14.6	78.50	
1964.....	2.82	11.3	13.4	72.30	1971.....	3.10	11.4	12.7	80.30	
1965.....	2.63	11.6	13.6	81.30	1972.....	3.34	16.1	17.7	229.00	
1966.....	2.92	10.1	12.4	78.80	1973.....	6.78	31.3	33.0	146.30	
1967.....	2.64	8.4	10.5	76.90	1974.....	5.31	30.5	33.1	131.70	
1968.....	2.56	8.3	10.4	74.10	1975.....	4.65	18.4	23.5	147.80	
1969.....	2.68	11.0	13.1	78.40	1976.....		24.0	29.2	199.90	

<sup>1</sup> Prices are weighted by carlot sales.<sup>2</sup> Quotations are price-per-pound drums prior to January 1930.Economics, Statistics, and Cooperatives Service—Economics. Data for 1949-62 in *Agricultural Statistics*, 1978, table 199.Table 186.—Soybeans: Area, yield, and production in specified countries and the world, 1975-77<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per acre			Production		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	390	378	499	0.941	0.601	0.380	367	250	517
United States <sup>4</sup> .....	53,579	49,358	57,911	.786	.710	.607	42,113	35,042	46,711
Mexico.....	771	388	741	.811	.722	.675	625	280	500
South America:									
Argentina.....	800	1,072	1,631	.551	.648	.858	485	693	1,400
Brazil.....	14,391	15,543	17,161	.687	.695	.699	9,892	10,810	12,000
Colombia.....	217	94	141	.779	.795	.730	169	95	103
Paraguay <sup>5</sup> .....	373	427	566	.590	.685	.663	220	294	375
Europe:									
Romania.....	299	309	423	.712	.689	.426	213	213	180
Yugoslavia.....	37	77	89	.811	.623	.742	30	48	66
Soviet Union (Europe and Asia).....	2,004	1,883	1,942	.389	.255	.281	780	480	545
Africa:									
Nigeria <sup>6</sup> .....	99	99	99	.101	.101	.101	1	1	2
South Africa <sup>7</sup> .....	32	30	37	.625	.600	.757	20	18	28
Asia:									
Iran.....	133	133	133	.528	.528	.647	70	70	86
Turkey (Europe and Asia).....	15	15	15	.467	.533	.467	7	8	7
China, People's Rep. of.....	22,486	22,239	22,486	.445	.405	.422	10,000	9,000	9,500
China, Rep. of.....	101	89	74	.614	.596	.703	62	53	52
Cambodia.....	10	10	10	.400	.400	.400	4	4	4
Indonesia.....	1,858	1,572	1,572	.305	.307	.366	563	482	575
Japan <sup>8</sup> .....	215	205	195	.856	.837	.840	186	170	161
Korea, Rep. of <sup>9</sup> .....	677	610	629	.459	.454	.515	311	265	319
Philippines.....	20	20	20	.300	.500	.500	6	10	10
Thailand.....	403	277	297	.283	.408	.421	114	113	125
Other countries.....	1,459	1,781	1,821	.439	.357	.385	641	835	791
World total <sup>10</sup> .....	100,449	96,609	108,482	.665	.610	.651	66,819	58,976	73,917

<sup>1</sup> Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.<sup>2</sup> Harvested area as far as possible.<sup>3</sup> Preliminary.<sup>4</sup> Area harvested for beans.<sup>5</sup> Planted area.<sup>6</sup> Quantities purchased by the Nigerian Marketing Boards for exports.<sup>7</sup> European farms only.<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 187.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1974-76<sup>1</sup>

Continent and country of destination	Soybeans			Soybean oil <sup>2</sup>			Soybean oilseed cake and meal		
	1974	1975	1976 <sup>3</sup>	1974	1975	1976 <sup>3</sup>	1974	1975	1976 <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
<b>North America:</b>									
Barbados.....	0	0	0	51	104	75	4	4	5
Canada.....	13,914	14,800	16,970	43,801	70,010	57,230	225	306	363
Haiti.....	1	0	0	25,668	31,438	37,889	0	0	0
Jamaica.....	1	1	876	2,271	2,890	10,467	29	39	35
Mexico.....	1,994	464	13,837	118,567	8,781	33,945	27	8	210
Netherlands Antilles.....	0	0	0	2,760	2,105	3,022	1	1	1
Panama.....	183	126	0	23,503	29,013	27,538	1	1	8
<b>Total<sup>4</sup>.....</b>	<b>16,195</b>	<b>16,365</b>	<b>32,218</b>	<b>263,811</b>	<b>183,895</b>	<b>189,641</b>	<b>342</b>	<b>445</b>	<b>714</b>
<b>South America:</b>									
Bolivia.....	0	0	0	1,497	245	935	0	0	0
Chile.....	0	0	0	5,864	2,101	28,384	0	0	0
Colombia.....	0	0	0	18,309	31,323	80,138	0	2	16
Ecuador.....	0	0	0	25,431	43,065	35,706	0	0	0
Peru.....	1,373	1,360	961	56,015	32,002	126,382	0	0	0
Surinam.....	0	0	0	0	11	81	0	0	0
Venezuela.....	2,350	563	817	0	0	1,093	76	93	141
<b>Total<sup>4</sup>.....</b>	<b>3,763</b>	<b>1,858</b>	<b>1,782</b>	<b>124,407</b>	<b>108,769</b>	<b>261,858</b>	<b>81</b>	<b>101</b>	<b>164</b>
<b>Europe:</b>									
Belgium and Luxembourg....	5,609	17,719	15,087	4,445	0	2	244	293	92
Czechoslovakia.....	0	0	0	0	0	0	138	200	110
Denmark.....	5,914	15,108	11,261	7	9	13	18	39	41
France.....	8,462	10,007	16,917	22	7	4	787	840	144
Germany, Fed. Rep. of.....	50,957	45,587	55,855	4,422	4	694	995	1,112	1,051
Greece.....	13	1,824	1,761	2	287	0	23	19	25
Iceland.....	0	0	0	29	57	0	0	0	0
Ireland.....	0	0	0	0	0	0	37	54	40
Italy.....	29,545	30,366	31,423	0	0	2	422	465	473
Netherlands.....	77,674	130,513	110,502	9	9	4,409	429	113	624
Norway.....	6,898	7,693	7,393	4	0	0	4	0	0
Poland.....	4,896	2,239	553	0	11,106	0	221	398	283
Spain.....	44,101	48,726	37,836	33,596	0	0	69	383	158
Sweden.....	0	0	0	7	0	4	0	0	0
Switzerland.....	563	1,452	4,171	0	0	0	32	46	80
United Kingdom.....	8,976	14,106	14,902	4	1,162	90	91	60	51
Yugoslavia.....	20	0	1,473	103,736	21,751	0	0	202	105
<b>Total<sup>4</sup>.....</b>	<b>246,889</b>	<b>339,763</b>	<b>316,015</b>	<b>146,386</b>	<b>34,393</b>	<b>5,230</b>	<b>3,831</b>	<b>4,386</b>	<b>3,393</b>
<b>Soviet Union.....</b>	<b>0</b>	<b>11,408</b>	<b>30,327</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Africa:</b>									
Algeria.....	0	0	0	1,124	2,249	1,124	0	0	2
Morocco.....	540	0	1,041	4,656	10,827	6,554	0	0	0
South Africa.....	0	0	0	184	1,411	66	0	0	0
Egypt.....	0	0	773	7,829	1,041	3,033	6	17	22
<b>Total<sup>4</sup>.....</b>	<b>548</b>	<b>0</b>	<b>1,818</b>	<b>81,957</b>	<b>25,806</b>	<b>41,961</b>	<b>8</b>	<b>23</b>	<b>24</b>
<b>Asia:</b>									
India.....	0	0	0	8,126	34,875	556,023	0	0	3
Israel.....	14,819	13,861	13,294	14,842	21,824	6,940	0	0	0
Japan.....	96,895	118,091	118,262	31,140	26,425	22	0	132	240
Korea, Rep. of.....	1,273	3,063	5,732	282	1,799	30	0	0	0
Pakistan.....	1	4	0	14,108	332,420	262,822	0	0	0
Philippines.....	201	234	706	90	333	62	13	0	0
China, Rep. of.....	24,400	32,844	25,596	22,045	2,305	223	0	0	19
Turkey.....	0	0	0	13,450	5,514	0	0	0	0
<b>Total<sup>4</sup>.....</b>	<b>140,648</b>	<b>171,819</b>	<b>166,511</b>	<b>388,539</b>	<b>588,810</b>	<b>1,003,793</b>	<b>31</b>	<b>187</b>	<b>312</b>
<b>Oceania:</b>									
New Zealand.....	0	0	0	3,242	5,232	10,009	3	1	1
<b>Total<sup>4</sup>.....</b>	<b>0</b>	<b>365</b>	<b>796</b>	<b>26,208</b>	<b>34,115</b>	<b>55,021</b>	<b>3</b>	<b>2</b>	<b>12</b>
<b>Grand total<sup>5</sup>.....</b>	<b>* 420,711</b>	<b>* 555,094</b>	<b>* 564,068</b>	<b>1,028,348</b>	<b>975,788</b>	<b>1,547,458</b>	<b>4,299</b>	<b>5,145</b>	<b>4,618</b>

See footnotes on page 135.

Table 188.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1974-77

Country	1974	1975	1976	1977 <sup>2</sup>	Country	1974	1975	1976	1977 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France.....	1	2	2	2	Algeria.....	16	9	17	16
Greece.....	192	237	257	224	Morocco.....	26	28	38	30
Italy.....	843	433	633	296	Tunisia.....	130	117	150	80
Portugal.....	42	48	49	37	Libya.....	13	8	15	8
Spain.....	447	333	428	393	Total.....	183	162	220	134
Yugoslavia.....	2	4	4	4	Argentina.....	19	23	15	20
Total.....	1,227	1,057	1,373	956	Other countries.....	5	5	5	4
Middle East:					World total.....	1,522	1,421	1,753	1,329
Israel.....		5		1					
Jordan.....	7	1	5	2					
Syria.....	14	44	33	56					
Lebanon.....	12	14	6	6					
Turkey.....	53	110	96	150					
Total.....	86	174	140	215					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.<sup>2</sup> Preliminary.

Foreign Agricultural Service, Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 189.—Margarine, actual weight: Supply and disposition, United States, 1963-77

Year	Supply			Disposition			
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance		
					Military	Civilian	
						Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963.....	1,794	39	1,833	9	2	1,785	9.6
1964.....	1,837	36	1,893	9	2	1,835	9.7
1965.....	1,904	48	1,952	8	11	1,891	9.9
1966.....	2,110	42	2,152	14	46	2,038	10.5
1967.....	2,114	53	2,167	15	47	2,046	10.5
1968.....	2,141	60	2,201	10	12	2,130	10.8
1969.....	2,182	49	2,231	12	13	2,154	10.8
1970.....	2,230	52	2,282	13	2	2,223	11.0
1971.....	2,290	46	2,336	13	1	2,264	11.1
1972.....	2,364	57	2,421	13	1	2,338	11.3
1973.....	2,359	69	2,428	13	4	2,350	11.3
1974.....	2,398	61	2,459	15	9	2,371	11.3
1975.....	2,399	64	2,463	17	11	2,375	11.2
1976.....	2,628	60	2,688	20	6	2,595	12.2
1977 <sup>1</sup> .....	2,532	67	2,599	20	7	2,499	11.6

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Totals and per capita estimates computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics, 1978*, table 203.

## FOOTNOTES FOR TABLE 187

<sup>1</sup> For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>4</sup> Includes small quantities exported to countries not shown.<sup>5</sup> Total may not add due to rounding.<sup>6</sup> Includes 12,665,000 bushels, 13,516,000 bushels, and 14,602,000 bushels transhipped via Canada to unidentified countries in 1974, 1975, and 1976, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 190.—Margarine: Fats and oils used in manufacture, United States, 1963-77

Year	Vegetable oils							Animal fats and oils		Total
	Soybean oil	Cotton-seed oil	Peanut oil	Corn oil	Coconut oil	Safflower oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	1,049	104	4	135	4	22	36	84	11	1,451
1964.....	1,139	101	10	150	6	12	5	84	13	1,500
1965.....	1,112	114	4	161	5	10	14	100	14	1,535
1966.....	1,294	106	6	157	12	46	1	82	5	1,710
1967.....	1,249	78	5	176	15	42	4	125	10	1,703
1968.....	1,240	70	4	179	14	42	3	153	15	1,730
1969.....	1,332	76	3	172	15	44	3	86	13	1,744
1970.....	1,410	68	-----	185	10	22	1	90	8	1,704
1971.....	1,385	63	-----	186	7	19	2	159	10	1,831
1972.....	1,461	65	-----	194	6	20	2	128	10	1,886
1973.....	1,491	63	-----	213	4	32	8	72	8	1,891
1974.....	1,487	66	-----	188	9	16	9	160	7	1,904
1975.....	1,668	46	1	188	20	7	38	45	7	1,920
1976.....	1,671	51	38	218	4	10	88	37	7	2,094
1977 <sup>1</sup> .....	1,584	44	15	243	5	8	48	73	7	2,027

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics, 1978*, table 204.

Table 191.—Shortening: Supply and disposition, United States, 1963-77

Year	Supply			Disposition				
	Factory and warehouse stocks, Jan. 1	Production	Total supply <sup>1</sup>	Exports	Shipments to U.S. Territories <sup>2</sup>	Domestic disappearance		
						Military	Civilian	Civilian, per person
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963.....	165	2,584	2,749	861	5	39	2,525	12.5
1964.....	119	2,664	2,783	16	8	43	2,668	13.7
1965.....	121	2,792	2,913	40	5	57	2,695	14.0
1966.....	117	3,181	3,298	30	12	59	3,079	15.9
1967.....	119	3,226	3,345	28	11	58	3,108	15.9
1968.....	139	3,312	3,451	34	10	53	3,211	16.3
1969.....	143	3,481	3,624	23	9	54	3,398	17.1
1970.....	139	3,588	3,727	25	12	60	3,490	17.3
1971.....	128	3,515	3,643	20	10	61	3,459	16.8
1972.....	128	3,731	3,859	24	9	48	3,651	17.7
1973.....	127	3,636	3,763	25	10	20	3,563	17.3
1974.....	115	3,703	3,818	53	8	51	3,672	17.0
1975.....	134	3,713	3,847	43	13	8	3,661	17.3
1976.....	125	3,929	4,054	51	14	3	3,858	18.1
1977 <sup>3</sup> .....	128	3,843	3,971	46	14	10	3,787	17.6

<sup>1</sup> Includes imports, which are negligible.<sup>2</sup> Shipments to Puerto Rico and Virgin Islands only.<sup>3</sup> Includes estimates of foreign donations not reported by the U.S. Department of Commerce.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments. Data for 1949-62 in *Agricultural Statistics, 1978*, table 205.



Table 192.—Shortening: Fats and oils used in manufacture, United States, 1963-77

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils
	Cottonseed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	330	1,228	19	3	3	14	8	594	413	2,611
1964.....	378	1,388	18	8	8	11	8	446	430	2,693
1965.....	403	1,471	20	3	8	13	6	456	388	2,768
1966.....	370	1,734	38	14	8	38	8	491	491	3,192
1967.....	273	1,741	40	24	12	61	10	576	506	3,243
1968.....	248	1,842	41	21	10	72	4	601	487	3,336
1969.....	248	2,101	47	16	13	110	13	475	483	3,568
1970.....	276	2,182	43	18	12	90	7	430	522	3,880
1971.....	168	2,047	56	15	5	171	11	520	517	3,810
1972.....	189	2,163	82	16	-----	285	20	441	495	3,691
1973.....	190	2,268	86	16	5	333	29	341	442	3,719
1974.....	194	2,177	81	21	7	304	35	317	501	3,617
1975.....	154	2,025	106	11	5	758	69	165	458	2,781
1976.....	128	2,323	128	38	4	516	8	156	453	3,754
1977 <sup>1</sup> .....	160	2,281	78	22	4	416	9	185	545	3,700

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics, 1972*, table 206.Table 193.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1963-77<sup>1</sup>

Year	Stocks Jan. 1	Production <sup>2</sup>	Imports	Food uses of other fats and oils <sup>3</sup>	Total supply	Exports <sup>4,5</sup>	Nonfood use	Net domestic disappearance of fats and oils for foods <sup>6</sup>	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963.....	2,018	13,681	49	307	16,054	4,319	579	8,759	46.3
1964.....	2,366	14,051	72	307	16,826	5,633	572	9,124	47.6
1965.....	1,497	14,267	49	347	16,160	5,305	621	9,294	47.9
1966.....	1,041	14,504	65	488	16,098	4,273	665	9,777	49.8
1967.....	1,363	14,546	78	587	16,574	4,579	635	9,777	49.2
1968.....	1,583	14,924	91	552	17,150	4,794	680	10,252	51.1
1969.....	1,423	15,817	69	623	17,932	5,417	661	10,461	51.6
1970.....	1,524	18,518	887	-----	20,929	7,399	1,138	10,808	52.8
1971.....	1,584	18,264	1,007	-----	20,855	7,591	839	10,762	52.0
1972.....	1,063	18,153	1,281	-----	21,097	7,306	775	11,288	54.1
1973.....	1,828	17,806	1,313	-----	20,947	7,494	704	11,337	53.9
1974.....	1,412	19,392	1,190	-----	21,964	8,478	736	11,243	53.0
1975.....	1,507	17,289	2,047	-----	20,843	7,113	750	11,328	53.0
1976.....	1,682	20,421	2,302	-----	24,275	8,503	1,196	11,965	58.6
1977 <sup>1</sup> .....	2,611	21,063	2,002	-----	25,676	9,994	950	11,698	54.0

<sup>1</sup> Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.<sup>2</sup> Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.<sup>3</sup> Chiefly coconut, palm kernel oil, and palm oil.<sup>4</sup> Includes shipments to U.S. Territories.<sup>5</sup> In some years disappearance cannot be computed from data contained in this table as adjustments have been made because additional items have been incorporated in stock data.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments. Total and per capita estimates computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics, 1972*, table 207.



Table 194.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1963-77

Year	Supply				Disposition	
	Production from domestic materials <sup>1</sup>	Imports and production from imported materials	Stocks Jan. 1	Total	Exports <sup>2</sup>	Domestic disappearance
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	19,338	1,104	3,193	23,635	6,551	13,584
1964.....	20,672	1,131	3,690	25,492	8,211	14,368
1965.....	20,532	1,180	2,721	24,433	7,481	14,538
1966.....	21,013	1,359	2,445	24,817	6,725	15,312
1967.....	21,604	1,316	2,794	25,714	7,248	15,145
1968.....	21,496	1,368	2,668	25,532	7,354	15,698
1969.....	22,431	1,411	2,405	26,247	7,013	16,365
1970.....	25,012	1,363	2,236	28,611	10,180	16,119
1971.....	25,426	1,204	2,392	29,022	10,709	15,770
1972.....	25,347	1,466	2,543	29,340	10,465	16,340
1973.....	24,586	1,487	2,544	28,617	10,482	16,230
1974.....	26,824	1,389	1,905	30,118	11,768	16,374
1975.....	25,609	2,203	1,976	29,788	9,592	16,115
1976.....	27,798	2,422	2,081	32,301	11,579	17,639
1977.....	27,608	1,961	3,083	32,652	13,037	17,382

  

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine (fat content)	Other	Total	Soap <sup>3</sup>	Drying-oil products	Other industrial	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	1,083	1,191	2,611	1,450	2,470	8,905	797	579	3,252	4,928
1964.....	1,098	1,194	2,603	1,500	2,520	9,305	803	902	3,404	5,109
1965.....	1,040	1,228	2,788	1,534	2,949	9,517	746	909	3,547	5,002
1966.....	911	1,076	3,190	1,710	2,915	9,802	731	923	3,842	5,496
1967.....	887	1,056	3,243	1,703	3,012	9,901	718	850	3,555	5,432
1968.....	957	1,108	3,326	1,720	3,149	10,260	703	868	3,646	5,417
1969.....	908	1,012	3,505	1,744	3,620	10,789	706	738	4,169	5,613
1970.....	890	940	3,556	1,787	3,635	10,808	799	604	3,778	5,141
1971.....	860	881	3,490	1,811	3,720	10,762	745	631	3,724	5,100
1972.....	837	787	3,698	1,864	4,102	11,288	811	570	3,925	5,305
1973.....	812	705	3,614	1,884	4,322	11,337	728	686	3,743	5,158
1974.....	776	681	3,622	1,891	4,271	11,241	787	563	4,102	5,451
1975.....	821	632	3,666	1,907	4,298	11,325	808	429	3,777	5,015
1976.....	758	585	3,861	2,069	4,689	11,961	944	547	4,220	5,711
1977.....	766	502	3,798	2,003	4,629	11,698	931	543	4,136	5,610

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.<sup>2</sup> Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.<sup>3</sup> Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."Economics, Statistics, and Cooperatives Service—Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Total computed from unrounded numbers. Data for 1949-63 in *Agricultural Statistics, 1978*, table 209.

Table 195.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1974-77

Commodity	World production <sup>1</sup>				World exports		
	1974	1975	1976	1977 <sup>2</sup>	1974	1975	1976 <sup>3</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Edible vegetable oils:</b>							
Cottonseed.....	3,168	3,219	2,766	2,945	403	404	333
Peanut.....	3,093	3,182	3,604	3,197	702	742	954
Soybean.....	9,541	8,328	10,187	9,107	3,807	3,530	4,502
Sunflower.....	4,518	3,989	3,635	3,725	851	729	723
Rapeseed.....	2,475	2,713	2,858	2,256	702	611	823
Sesame.....	631	618	628	618	125	94	106
Raffiner.....	210	217	320	300	13	31	6
Olive <sup>4</sup> .....	1,822	1,421	1,753	1,329	483	433	414
Corn.....	311	297	412	425	70	61	82
<b>Total.....</b>	<b>25,460</b>	<b>23,984</b>	<b>26,163</b>	<b>23,802</b>	<b>6,756</b>	<b>6,255</b>	<b>7,695</b>
<b>Palm oils: <sup>5</sup></b>							
Cocunut.....	2,231	2,891	3,309	3,133	939	1,532	1,686
Palm kernel.....	496	517	537	581	397	369	413
Palm.....	2,654	2,974	3,141	3,397	1,481	1,775	1,902
Babassu kernel <sup>6</sup> .....	105	105	125	90	40	1	1
<b>Total.....</b>	<b>5,486</b>	<b>6,487</b>	<b>7,112</b>	<b>7,201</b>	<b>2,837</b>	<b>3,675</b>	<b>4,002</b>
<b>Industrial oils:</b>							
Linseed.....	758	748	787	685	287	280	282
Caster.....	493	339	306	335	226	157	215
Oilclo.....	11	11	15	14	9	7	9
Tung.....	96	108	100	95	49	43	51
Olive residue <sup>7</sup> .....	146	128	166	132	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Total.....</b>	<b>1,504</b>	<b>1,334</b>	<b>1,374</b>	<b>1,261</b>	<b>571</b>	<b>476</b>	<b>557</b>
<b>Animal fats:</b>							
Butter (fat content).....	4,502	4,562	4,676	4,752	803	728	795
Lard <sup>9</sup> .....	4,379	4,330	4,040	4,190	505	516	495
Tallow and grease <sup>10</sup> .....	5,121	4,723	5,294	5,545	1,644	1,437	1,635
<b>Total.....</b>	<b>14,002</b>	<b>13,615</b>	<b>14,010</b>	<b>14,487</b>	<b>2,952</b>	<b>2,681</b>	<b>2,915</b>
<b>Marine oils:</b>							
Whale.....	40	45	45	40	22	15	13
Sperm whale.....	120	119	119	110	35	26	21
Fish (including liver).....	1,001	1,003	969	950	492	538	510
<b>Total.....</b>	<b>1,161</b>	<b>1,167</b>	<b>1,133</b>	<b>1,100</b>	<b>549</b>	<b>579</b>	<b>543</b>
<b>Total all commodities.....</b>	<b>47,622</b>	<b>46,587</b>	<b>49,792</b>	<b>47,851</b>	<b>13,655</b>	<b>13,666</b>	<b>15,712</b>

<sup>1</sup> Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw material.<sup>2</sup> Preliminary.<sup>3</sup> Excludes olive residue oil.<sup>4</sup> Net exports.<sup>5</sup> Production estimated on the basis of exports and information available on consumption in the various producing areas.<sup>6</sup> Mill production only.<sup>7</sup> Includes quantities of refined oil for edible purposes.<sup>8</sup> Not separately classified.<sup>9</sup> Production relates to rendered lard only in most countries.<sup>10</sup> Export series revised; figures include edible and inedible tallow and grease. Excludes animal oils.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 196.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1963-76

Year beginning January	Lard	Inedible animal tallow, grease, and oils <sup>1</sup>	Tallow, edible	Oilseeds and nuts				
				Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	Metric tons	Metric tons	Metric tons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963	243,899	849,000	4,800	11,607	190,865	1,648	36,735	10,482,191
1964	309,383	1,088,200	5,800	17,348	389,028	9,463	81,502	12,570,425
1965	113,807	864,500	6,400	10,611	219,777	3,915	172,409	13,659,614
1966	71,487	894,500	7,400	19,198	373,105	2,387	131,080	14,884,273
1967	85,540	1,007,325	7,742	9,174	337,642	738	177,241	15,805,086
1968	79,501	1,013,317	5,068	6,832	306,740	323	125,582	17,688,708
1969	118,778	839,441	5,894	14,637	457,541	801	62,263	18,870,801
1970	165,980	1,016,407	9,321	48,685	873,871	2,480	119,268	26,355,243
1971	128,045	1,182,051	4,539	72,126	236,320	7,764	240,740	25,438,020
1972	74,565	1,065,650	8,565	6,810	591,214	33,968	390,152	26,446,080
1973	61,414	1,041,934	10,061	26,330	234,080	24,291	404,305	29,146,440
1974	73,204	1,188,267	29,731	97,611	204,960	53,041	529,778	30,732,000
1975	39,701	911,255	4,975	14,925	598,080	26,251	518,208	27,549,600
1976 <sup>2</sup>	81,901	1,087,208	18,882	142,982	22,930	16,299	284,244	33,801,268

  

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>4</sup>	Soybean	Other
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons
1963	244	5,496	387,508	16,363	2,788	9,145	1,069,772	1,489,186	114,185
1964	81	1,916	603,464	19,104	3,122	81,328	1,273,177	1,728,573	167,819
1965	187	2,435	564,816	41,738	2,932	61,125	1,219,518	2,170,217	267,474
1966	404	5,323	184,891	126,103	4,404	8,921	868,112	2,503,635	213,685
1967	275	4,149	73,901	45,383	4,972	5,942	1,124,636	1,630,312	136,453
1968	324	4,843	89,552	109,781	3,104	3,076	957,245	2,974,089	164,412
1969	479	5,903	290,968	88,354	3,778	33,522	888,598	3,302,196	156,184
1970	2,312	9,565	375,872	48,270	4,310	32,080	1,501,724	4,634,812	150,933
1971	2,066	14,878	400,756	46,560	5,030	85,036	1,726,961	4,504,445	219,000
1972	1,838	9,621	475,705	188,980	3,798	60,668	1,310,783	5,985,117	257,880
1973	2,545	10,166	546,021	212,614	3,144	103,680	967,431	4,866,334	277,292
1974	1,839	6,071	609,948	116,710	4,154	45,826	1,680,101	5,309,965	265,801
1975	894	5,667	656,658	87,174	4,743	26,794	785,578	4,180,779	182,622
1976 <sup>2</sup>	977	43,850	520,937	20,891	6,378	105,427	1,124,373	5,359,521	197,640

<sup>1</sup> Includes inedible tallow, inedible animal oils not elsewhere classified, and inedible animal greases and fats, not elsewhere classified, through 1964. Beginning 1965, data include tallow and grease (except wool grease) and choice white grease; lard and tallow oil; lard, oleo, and tallow stearine; unrendered animal fats, and animal fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 39,207 in 1962, 1,438 in 1963, and 107,705 in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.

<sup>4</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 92,466 in 1962, 18,004 in 1963, and 74,379 in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments. Data for 1954-62 with years beginning July in *Agricultural Statistics, 1978*, table 211.

Table 197.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1963-76

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppy seed
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	5,050	520,950	84	2,590	484	6,748
1964.....	34	547,517	73	1,896	655	24,280
1965.....	1,130	14,533	8	745	460	6,236
1966.....	1,859	535,380	0	1,557	743	6,553
1967.....	20	609,890	148	1,708	451	6,665
1968.....	8	645,378	38	787	532	8,073
1969.....	13	600,120	25	142	319	8,436
1970.....	7	435,694	76	279	218	6,562
1971.....	10	419,646	4,137	1,645	190	4,900
1972.....	11	480,714	24	1,819	987	7,700
1973.....	9	437,756	296	38	453	5,400
1974.....	9	58,693	28,932	155	386	4,100
1975.....	11	0	7,710	22	531	15,437
1976 <sup>2</sup> .....	7	0	72,578	463	152	5,595

  

Year beginning January	Oilseeds—Continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	1,698	25,330	27	16,479	97,861	372,248	8
1964.....	923	24,815	23	13,366	96,394	397,130	27
1965.....	1,224	25,491	13	17,494	129,475	366,872	41
1966.....	617	28,262	33	21,233	104,121	468,703	32
1967.....	781	35,554	52	23,163	97,139	494,164	12
1968.....	2,106	33,963	15	19,954	106,011	434,364	13
1969.....	1,389	38,818	8	14,455	142,057	428,594	5
1970.....	530	42,661	62	33,824	106,465	594,694	2
1971.....	455	45,442	56	33,868	76,475	627,737	32
1972.....	1,155	47,220	133	46,301	97,530	676,969	2
1973.....	32	52,804	684	33,506	101,326	720,244	341
1974.....	130	57,260	75	36,790	132,718	542,259	37
1975.....	10,195	44,639	-----	34,205	-----	860,062	-----
1976 <sup>2</sup> .....	5,318	63,160	119	50,880	118,106	1,316,967	7

  

Year beginning January	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1963.....	33,640	23,529	83,480	0	3,330	10,466	104,177
1964.....	67,034	6,257	85,127	1	5,772	29,149	90,298
1965.....	45,432	6,557	83,097	2	4,390	23,266	88,676
1966.....	49,420	75,887	109,358	4	7,492	30,373	133,013
1967.....	57,158	64,281	104,420	4	8,583	19,934	139,579
1968.....	64,175	103,268	120,639	32	15,673	16,677	90,063
1969.....	57,965	159,820	99,419	19	9,412	22,465	52,548
1970.....	62,829	140,866	82,535	43	7,346	18,152	17,272
1971.....	61,902	216,880	95,751	27	11,063	22,230	10,368
1972.....	67,448	431,109	99,018	21	11,462	21,597	33,219
1973.....	60,177	390,198	100,707	31	12,963	21,796	48,462
1974.....	53,712	411,434	145,787	1,110	16,965	21,037	41,222
1975.....	47,094	961,946	181,324	712	5,784	30,063	9,308
1976 <sup>2</sup> .....	62,398	778,782	139,828	1,164	12,150	34,500	77,673

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1964-62 with years beginning July in *Agricultural Statistics, 1978*, table 212.

Table 198.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by country of destination, 1975-77

Continent and country	1975	1976	1977 <sup>2</sup>	Continent and country	1975	1976	1977 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Soviet Union</b>	29,949		
Canada	4,610	2,963	3,282	<b>Africa:</b>			
Dominican Republic	11,959	15,223	15,777	Algeria	24,954	27,542	34,417
El Salvador	12,307	14,092	20,434	Cameroon	905	4,038	3,785
Guatemala	8,574	11,134	8,631	Ghana	12,050	7,242	9,434
Haiti	7,747	7,895	8,735	Kenya	1,199	1,452	1,889
Honduras	6,337	5,782	8,789	Madagascar	3,742	3,788	4,433
Jamaica	7,465	9,436	10,309	Morocco	7,665	9,248	10,658
Mexico	29,292	26,113	46,799	Nigeria	20,799	27,325	34,016
Nicaragua	6,209	5,882	7,724	Senegal	4,801	3,854	4,975
Trinidad and Tobago	3,978	3,808	3,802	Egypt	165,205	127,536	113,396
Other countries	3,177	2,586	3,867	South Africa	3,734	20,634	11,440
				Zambia	100		
<b>Total</b>	<b>101,535</b>	<b>100,867</b>	<b>132,200</b>	Other countries	2,727	2,857	9,778
<b>South America:</b>				<b>Total</b>	<b>157,691</b>	<b>235,626</b>	<b>237,991</b>
Argentina	124	442	72	<b>Asia:</b>			
Brazil	41,371	1,580	8,533	Afghanistan	800	800	399
Chile	2,365	3,996	5,064	Bangladesh	15,522	1,699	11,583
Colombia	30,590	46,213	56,217	Iran	14,970	18,027	18,217
Ecuador	19,887	8,505	30,559	Iraq	4,980	13,744	1,995
Peru	3,456	4,155	5,245	China, People's Rep. of			8,100
Venezuela	13,442	17,505	14,994	China, Rep. of	24,643	6,472	13,954
Other countries	1,533	1,544	3,755	India		13,794	25,316
<b>Total</b>	<b>112,668</b>	<b>83,890</b>	<b>124,459</b>	Japan	73,912	99,206	100,100
<b>Europe:</b>				Korea, Rep. of	76,313	93,270	94,822
Belgium and Luxembourg	14,371	35,469	47,541	Lebanon	8,274	2,701	6,500
France	3,333	10,501	26,168	Pakistan	81,025	30,688	49,644
Germany, Fed. Rep. of	18,115	89,337	84,008	Philippines	5,185	5,644	4,485
Italy	29,589	24,469	23,508	Singapore	80	102	131
Netherlands	32,375	82,099	105,731	Turkey (Europe and Asia)	10,605	11,248	6,468
United Kingdom	23,381	55,455	92,409	Vietnam	156		
Greece	755	2,965	3,043	Other countries	331	747	1,733
Norway	2,840	4,569	5,746	<b>Total</b>	<b>296,786</b>	<b>296,939</b>	<b>343,437</b>
Portugal	9,176	11,629	19,190	<b>Oceania:</b>			
Spain	38,506	39,909	43,887		169	105	177
Sweden	55	58	96	<b>Grand total <sup>3</sup></b>	<b>911,255</b>	<b>1,067,206</b>	<b>1,308,793</b>
Switzerland	3,544	3,211	9,873				
Poland	6,400	9,990	9,320				
Other countries	18	119	18				
<b>Total</b>	<b>182,458</b>	<b>339,780</b>	<b>470,538</b>				

<sup>1</sup> Includes inedible tallow and choice white grease; inedible lard oil, tallow oil, lard stearine, oleo stearine, and tallow stearine; and animal fats, oils, and greases, n.e.c.<sup>2</sup> Preliminary.<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 199.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1963-77

Year	Supply				Disposition				Price of inedible tallow No. 1, at Chicago, per pound
	Stocks Jan. 1	Apparent production <sup>1</sup>	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1963.....	307	4,058	3	4,458	1,874	3,208	684	1,822	4.7
1964.....	377	4,688	3	5,067	2,369	2,301	691	1,610	5.9
1965.....	366	4,383	3	4,751	2,127	2,310	651	1,659	7.3
1966.....	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967.....	447	4,783	6	5,206	2,223	2,559	643	1,916	4.6
1968.....	425	4,745	6	5,176	2,340	2,580	639	1,941	4.2
1969.....	358	4,655	6	5,019	1,896	2,775	635	2,140	6.0
1970.....	348	4,905	7	5,260	2,242	2,623	602	2,019	7.1
1971.....	398	5,210	5	5,611	2,607	2,623	588	2,035	6.6
1972.....	380	5,075	2	5,459	2,337	2,762	640	2,122	6.0
1973.....	341	4,843	10	5,194	2,299	2,540	566	1,974	12.4
1974.....	356	5,664	12	6,032	2,623	3,029	632	2,397	15.2
1975.....	380	4,801	15	5,196	2,011	2,908	662	2,246	12.0
1976.....	377	5,774	9	6,060	2,337	3,367	764	2,603	13.3
1977.....	355	5,966	4	6,325	2,893	3,099	734	2,365	13.6

<sup>1</sup> Computed from factory consumption, foreign trade, and stocks; from October 1966 through 1969, production as reported by the Bureau of the Census.

Economics, Statistics, and Cooperatives Service—Economics. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal. Data for 1949-62 in *Agricultural Statistics, 1978*, table 214.

Table 200.—Drying-oil industries: Fats and oils used, United States, 1963-77

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oiticica oil	Other primary fats and oils	Secondary fatty materials	Tall oil	Total <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	388	178	31	22	101	5	17	31	105	879
1964.....	372	188	31	41	111	10	23	24	102	902
1965.....	328	208	34	80	107	8	4	23	117	909
1966.....	310	214	33	130	89	8	1	24	114	923
1967.....	303	192	37	65	92	1	5	27	107	859
1968.....	251	193	38	122	89	11	5	47	109	858
1969.....	271	191	31	63	61	12	22	88	738	
1970.....	230	169	28	25	28	-----	49	75	694	
1971.....	275	148	23	28	39	-----	46	71	631	
1972.....	206	141	31	32	54	-----	33	73	570	
1973.....	322	142	28	24	46	-----	45	79	686	
1974.....	194	172	35	27	36	-----	42	67	563	
1975.....	128	144	33	16	5	-----	51	55	429	
1976.....	170	164	35	10	39	-----	58	71	547	
1977.....	186	172	19	11	63	-----	37	85	543	

<sup>1</sup> Excludes fats and oils used in fatty acids, many of which are used in drying-oil products.

<sup>2</sup> Beginning 1969, not reported separately.

Economics, Statistics, and Cooperatives Service—Economics. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, cellophane, and other coated fabrics. Compiled from reports of the Commerce and Interior Departments. Totals computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics, 1978*, table 208.

Table 201.—Fats and oils: Use in products for civilian consumption, United States, 1963-77

Year	Food products											
	Butter (actual weight)		Lard excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils <sup>1</sup>		All food products <sup>2</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1963.....	1,281	6.9	1,190	6.4	1,755	9.6	2,525	13.5	2,450	13.2	8,539	45.3
1964.....	1,297	6.9	1,193	6.3	1,825	9.7	2,598	13.7	2,677	14.4	8,994	47.6
1965.....	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.1	2,711	14.1	9,147	47.6
1966.....	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,929	15.1	9,515	49.7
1967.....	1,076	5.5	1,055	5.4	2,045	10.5	3,108	15.9	2,955	15.2	9,534	49.4
1968.....	1,117	5.7	1,106	5.6	2,130	10.9	3,211	16.3	3,153	16.0	10,082	51.2
1969.....	1,081	5.4	1,011	5.1	2,154	10.9	3,398	17.1	3,333	16.8	10,333	51.9
1970.....	1,061	5.3	939	4.7	2,223	11.0	3,496	17.3	3,605	17.9	10,681	53.0
1971.....	1,059	5.1	890	4.3	2,264	11.1	3,429	16.8	3,695	18.0	10,650	52.2
1972.....	1,017	4.9	787	3.8	2,338	11.3	3,650	17.7	4,084	19.8	11,204	54.3
1973.....	1,000	4.8	705	3.4	2,350	11.3	3,593	17.3	4,312	20.6	11,296	54.3
1974.....	955	4.6	681	3.2	2,370	11.3	3,571	17.0	4,258	20.3	11,163	53.2
1975.....	1,012	4.8	832	3.0	2,375	11.2	3,651	17.3	4,292	20.3	11,297	53.4
1976.....	935	4.4	585	2.7	2,595	12.2	3,830	18.1	4,679	22.0	11,940	56.1
1977 <sup>3</sup> .....	945	4.4	502	2.3	2,499	11.6	3,788	17.6	4,622	21.6	11,671	54.4

  

Year	Industrial products								All products		
	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		All industrial products		Weight		Per capita <sup>2</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Includ- ing actual weight of butter and margarine	Includ- ing only fat content of butter and margarine	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1963.....	775	4.2	866	4.6	3,154	16.9	4,795	25.7	14,025	13,435	72.1
1964.....	773	4.1	890	4.7	3,320	17.6	4,983	26.3	14,583	13,977	73.9
1965.....	706	3.7	895	4.7	3,215	16.8	4,816	25.1	14,571	13,953	72.9
1966.....	719	3.7	908	4.7	3,703	19.1	5,320	27.6	15,253	14,988	77.5
1967.....	706	3.6	844	4.3	3,684	18.8	5,234	26.8	15,475	14,868	76.2
1968.....	689	3.5	850	4.3	3,705	18.8	5,245	26.6	15,962	15,327	77.8
1969.....	678	3.4	728	3.7	4,009	20.1	5,410	27.2	16,390	15,743	79.1
1970.....	751	3.7	598	3.0	3,740	18.6	5,089	25.2	16,414	15,771	78.2
1971.....	738	3.6	624	3.1	3,687	18.1	5,049	24.7	16,356	15,700	76.9
1972.....	802	3.9	564	2.7	3,856	18.8	5,352	25.4	17,129	16,456	79.7
1973.....	721	3.5	679	3.3	3,708	17.8	5,106	24.5	17,067	16,403	78.8
1974.....	779	3.7	558	2.7	4,061	19.4	5,397	25.7	17,232	16,560	79.0
1975.....	800	3.8	425	2.0	3,740	17.7	4,965	23.5	16,937	16,262	76.9
1976.....	935	4.4	541	2.5	4,178	19.6	5,634	26.5	18,306	17,593	82.6
1977 <sup>3</sup> .....	922	4.3	537	2.5	4,095	19.1	5,554	25.9	17,911	17,225	80.2

<sup>1</sup> Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.<sup>3</sup> Preliminary.<sup>4</sup> Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.Economics, Statistics, and Cooperatives Service—Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers. Data for 1949-52 in *Agricultural Statistics, 1978*, table 215.



Table 202.—Fats, oils, tall oil, and glycerin: Wholesale price per pound, 1967 and 1974-77

Item and market	1967	1974	1975	1976	1977
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, creamery, Grade A, (92-score) bulk, New York	67.7	68.6	81.3	95.2	101.9
Butter, creamery, Grade B, (91 & 93-score) bulk, Chicago	66.8	66.5	79.3	91.2	99.0
Butter, creamery, Grade A, (92-score) prints, San Francisco	79.8	81.6	95.5	109.9	113.4
Coconut oil, crude, tank cars, Pacific Coast mills	13.5	49.9	20.0	20.3	27.8
Coconut oil, refined, tanks, New York		30.4	21.6	25.2	34.0
Corn oil, refined, tanks, New York	18.4	44.7	36.7	30.9	36.6
Corn oil, crude, tank cars, f.o.b. midwestern mills	12.4	40.7	32.3	25.8	30.7
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills	11.8	38.0	27.6	23.9	24.3
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley	11.8	38.1	27.2	23.3	24.5
Cottonseed oil, refined, tanks, New York	14.5	41.9	32.6	29.7	30.5
Degeas, lardine, technical, drums, New York	22.0	80.0	127.6	98.8	64.0
Grease, A white, tank cars, delivered Chicago	5.5	18.4	14.8	14.9	17.1
Grease, Yellow, tank cars, delivered Chicago	4.6	15.1	11.8	15.1	13.5
Lard, loose, tank cars, Chicago	7.5	29.5	30.9	17.8	21.3
Lard, prime steam, tierces, Chicago	7.8	29.6	29.6	18.0	20.9
Lard, refined, 1-pound and 2-pound prints, Chicago	13.6	34.5	35.9	24.3	34.3
Linseed oil, raw, tank cars, Minneapolis	12.9	44.4	40.0	27.0	26.5
Linseed oil, raw, tanks, New York	14.0	44.2	41.5	29.7	30.0
Margarine, colored, delivered Eastern United States	25.7	51.3	52.7	44.3	50.7
Margarine, yellow quarters, f.o.b. Chicago	25.8	47.5	39.8	31.4	39.1
Margarine, white, domestic vegetable, Chicago	22.8	44.3	37.9	31.4	39.1
Menhaden oil, light pressed, tanks, New York	10.7	19.7	28.0	18.2	20.5
Oiticica oil, drums, f.o.b. New York	19.0	30.7	32.2	38.3	74.2
Oiticica oil, tanks, New York	17.0	27.7	29.2	35.3	75.5
Olive oil, imported, edible, drums, New York	38.1	89.6	112.7	97.8	86.7
Palm oil, clarified, tank wagon, f.o.b. New York	12.6	23.6	22.9	17.9	26.7
Peanut oil, crude, tank cars, f.o.b. southeastern mills	14.4	49.4	38.8	31.8	29.8
Peanut oil, refined, tanks, New York	11.9	46.4	43.5	36.6	35.3
Rapeseed oil, refined (denatured), tanks, New York	15.2	36.8	54.1	43.5	39.0
Safflower oil, nonbreak tanks, East Coast	14.6	25.4	64.1	46.2	
Sesame oil, refined, drums, New York	39.2	76.9	74.5	77.9	87.5
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York	20.7	58.6	45.0	36.2	38.9
Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern United States	26.5	56.8	57.2	45.9	54.7
Soybean oil, crude, tank cars, f.o.b. midwestern mills	9.6	35.8	25.4	18.8	23.8
Soybean oil, refined, tanks, New York	11.8	37.3	28.6	24.1	29.0
Tall oil, crude, tanks, works	3.1	7.4	8.1	5.9	7.0
Tallow, edible, loose, Chicago	7.5	26.8	24.3	16.5	21.2
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago	5.1	16.8	13.4	14.3	16.1
Tallow, No. 1, inedible, Chicago	4.6	15.2	12.0	13.2	13.6
Tung oil, imported, drums, carlots, f.o.b. New York	16.5	37.0	37.8	48.7	108.3
Tung oil, imported, tanks, New York	14.4	34.5	34.9	43.0	111.1

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

Table 203.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1963-77

[1967 = 100]

Year	16 items, excluding butter	17 major fats and oils										
		All items	Classified by origin			Classified by use						
			Animal	Vegetable		Edible				Industrial		
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses
1963	98.3	94.0	94.4	92.3	92.5	87.2	106.1	92.2	91.2	99.0	110.0	92.8
1964	110.0	101.2	102.9	94.7	95.2	88.2	124.4	96.4	95.6	122.3	104.0	105.0
1965	129.5	112.7	112.5	111.5	109.0	90.5	149.3	115.4	105.5	142.9	109.4	122.8
1966	126.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2
1969	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1
1970	129.4	119.7	122.2	118.5	127.3	102.9	148.8	122.5	115.7	135.5	102.4	137.2
1971	130.7	119.9	118.2	125.5	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9
1972	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7
1973	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5
1974	322.8	238.5	203.2	294.6	386.8	99.6	365.7	298.0	204.2	340.5	322.2	322.9
1975	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0
1976	261.1	226.7	191.7	161.6	169.6	138.6	228.2	166.3	161.8	254.9	186.5	198.9
1977	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1

Economics, Statistics, and Cooperatives Service—Economics. Data for 1947-62 in *Agricultural Statistics*, 1972, table 217.

Table 204.—Soap: Fats, oils, and tall oil used in manufacture, United States, 1963-77

Year	Inedible tallow and greases	Cocount oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials	Year	Inedible tallow and greases	Cocount oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds		Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963	584	152	14	8	861	1971	588	166	6	3	763
1964	691	158	19	8	875	1972	640	180	7	3	830
1965	651	145	16	9	820	1973	566	181	10	3	760
1966	667	180	13	9	839	1974	632	167	9	3	811
1967	643	146	17	8	813	1975	662	163	9	2	836
1968	639	154	10	9	812	1976	764	194	15	3	976
1969	635	180	8	4	796	1977 <sup>2</sup>	734	198	16	7	955
1970	602	164	12	1	779						

<sup>1</sup> Includes beef fats, vegetable tallow, and babassu.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1949-62 in *Agricultural Statistics*, 1972, table 218.

## CHAPTER IV

### STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969.

#### Seasonal Groups and Marketing Period

Winter: January, February, March  
Spring: April, May, June

Summer: July, August, September  
Fall: October, November, December

The seasonal patterns of harvest do not correspond precisely in all States to the quarterly estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetables and melon crops in the major producing States. Earlier years include the following three additional crops: lima beans, beets, and green peas. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, brussels sprouts, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field-run basis at packinghouse door. For processed vegetables, value per unit and total value are at processing plant door.

Table 205.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1963-77

Year	Area <sup>1</sup>			Production <sup>2</sup>			Value <sup>3</sup>		
	For fresh market <sup>4</sup>	For processing <sup>5</sup>	Total	For fresh market <sup>4</sup>	For processing <sup>5</sup>	Total	For fresh market <sup>4</sup>	For processing <sup>5</sup>	Total
	Acres	Acres	Acres	Tons	Tons	Tons	1,000 dollars	1,000 dollars	1,000 dollars
1963	1,703,035	1,604,630	3,307,665	10,988,150	8,021,760	19,010,910	912,538	330,724	1,233,562
1964	1,668,880	1,604,990	3,273,870	10,825,180	8,136,230	18,961,380	961,583	349,579	1,311,162
1965	1,644,180	1,642,790	3,286,940	10,915,000	8,348,670	19,263,670	1,016,588	405,862	1,422,420
1966	1,613,300	1,804,040	3,417,340	10,617,200	8,941,280	19,558,480	1,137,027	433,348	1,570,375
1967	1,631,380	1,936,130	3,567,510	11,142,880	9,979,460	21,122,310	1,151,433	530,408	1,681,841
1968	1,624,830	2,012,230	3,637,060	11,290,050	12,108,670	23,398,920	1,184,587	600,090	1,785,277
1969 <sup>6</sup>	1,609,810	1,826,630	3,436,440	11,175,680	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970	1,673,670	1,831,180	3,504,850	11,387,800	9,297,200	20,685,000	1,233,222	410,180	1,643,411
1971	1,606,980	1,858,480	3,465,460	11,361,050	9,232,550	21,283,600	1,438,946	429,980	1,878,926
1972	1,648,110	1,884,490	3,532,600	11,878,050	10,241,600	22,119,650	1,607,022	466,633	2,073,655
1973	1,636,610	1,727,010	3,363,620	11,907,300	10,661,650	22,568,950	1,857,889	580,632	2,408,491
1974	1,657,570	1,775,810	3,433,380	11,980,150	11,794,080	23,774,300	1,880,507	929,785	2,810,292
1975	1,638,980	1,874,480	3,513,460	11,938,200	13,533,250	25,469,450	2,188,380	1,036,635	3,191,965
1976	1,570,380	1,624,640	3,194,990	12,328,750	11,048,850	23,377,600	2,238,173	788,606	3,044,781
1977 <sup>7</sup>	1,648,690	1,634,660	3,283,350	12,306,800	12,587,530	24,897,380	2,408,377	939,506	3,344,883

<sup>1</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

<sup>2</sup> Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

<sup>3</sup> Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market prior to 1964 includes some quantities not marketed because of low prices or other economic factors which are excluded in computing value. Production since 1964 is the quantity sold.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processed vegetables, beginning 1964, value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>6</sup> Beginning 1969, asparagus for processing included in fresh market segment.

<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 221.

Ala.  
Ark.  
Calif.  
Colo.  
Conn.  
Del.  
Fla.  
Ga.  
Hawa.  
Idaho  
Ill.  
Ind.  
Iowa.  
Ky.  
La.  
Maine  
Md.  
Mass.  
Mich.  
Minn.  
Miss.  
Mo.  
Mont.  
Nebr.  
N.H.  
N.J.  
N. Me.  
N.Y.  
N.C.  
Ohio.  
Okla.  
Oreg.  
Pa.  
S.C.  
S. Dak.  
Tenn.  
Tex.  
Utah.  
Va.  
Wash.  
W. Va.  
Wis.  
Wyo.

U.S.

<sup>1</sup> Area  
<sup>2</sup> Area  
snap be  
garlic, h  
<sup>4</sup> Prel  
<sup>5</sup> Area  
(pickles)

Econ

Table 206.—Vegetables, commercial: Area of principal crops, by States, 1975-77<sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>3</sup>			Total		
	1975	1976	1977 <sup>4</sup>	1975	1976	1977 <sup>4</sup>	1975	1976	1977 <sup>4</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala.	28,500	27,900	25,400	7,900	4,700	6,900	34,400	32,600	32,300
Aris.	55,870	56,650	58,670	2,000	1,200	550	57,870	57,850	59,220
Ark.	7,700	8,100	7,000	7,530	6,880	8,480	15,330	14,980	16,080
Calif.	507,350	495,800	507,150	358,570	277,250	330,320	865,920	773,050	837,470
Colo.	16,980	17,630	18,340	5,140	4,980	4,430	22,120	22,610	22,770
Conn.	7,220	4,800	4,400				7,220	4,800	4,400
Del.	5,100	3,500	3,300						
Fla.	236,350	284,530	246,400	18,650	18,120	19,400	255,000	302,650	265,800
Go.	42,500	47,100	43,400	4,600	3,430	3,920	47,100	50,530	47,320
Hawaii	1,460	1,520	1,610				1,460	1,520	1,610
Idaho	4,500	5,300	5,300	45,980	43,780	35,850	50,480	49,060	41,150
Ill.	14,400	11,650	10,350	113,230	103,150	91,840	127,630	114,800	102,990
Ind.	12,050	11,920	11,440	31,650	23,880	23,420	43,700	35,800	34,860
Iowa	370	340	320	16,890	12,850	11,690	17,260	13,300	12,010
Ky.	700	2,400	3,450	3,540	2,720	2,820	4,240	5,120	6,270
La.	6,700	2,100	1,970	3,250	250	240	8,950	2,350	2,210
Maine				5,830	8,760	7,170	5,830	5,760	7,170
Md.	12,930	13,200	12,940	39,670	36,470	34,940	52,600	49,670	47,880
Mass.	11,930	9,000	8,750	810	800	1,300	12,740	9,800	10,050
Mich.	60,550	68,800	63,150	50,800	47,950	50,880	111,050	111,750	114,030
Miss.	5,190	4,600	4,740	197,300	193,340	191,130	202,490	197,940	195,870
Miss.	10,200	11,400	12,000	8,670	8,000	3,600	17,070	16,400	15,600
Mo.	6,470	3,700	4,300	580	580	1,100	7,350	4,280	5,300
Mont.				580	580		580	580	
Nebr.				160	130	150	160	130	150
N.H.	2,200						2,200		
N.J.	47,640	46,040	47,930	27,370	14,100	14,800	75,010	63,140	62,730
N. Mex.	7,700	8,100	6,950	860	900	900	8,560	9,000	7,850
N. Y.	65,560	64,590	64,250	89,330	79,050	75,580	154,890	143,640	139,830
N.C.	44,150	44,850	41,340	32,910	29,180	29,560	77,060	74,030	70,900
Ohio	22,540	21,590	22,020	34,240	30,890	29,410	56,780	52,480	51,430
Ola.	7,500	8,200	7,000	3,820	4,300	4,180	11,320	12,500	11,180
Oreg.	15,970	15,040	15,800	126,630	108,210	104,290	142,600	123,250	120,090
Pa.	16,670	17,380	16,570	22,170	18,980	17,770	38,840	36,360	34,340
S.C.	42,900	44,400	38,500	9,750	7,840	8,800	52,650	52,240	47,300
S. Dak.				100	80	80	100	80	80
Tenn.	4,090	4,530	5,260	17,790	13,260	14,860	21,880	17,890	20,160
Tex.	181,130	169,750	170,510	25,200	20,500	16,900	176,330	190,250	187,410
Utah	1,300	1,500	1,400	6,260	5,260	4,670	7,560	6,760	6,070
Va.	18,300	16,550	16,490	14,030	12,570	12,830	32,330	29,420	29,320
Wash.	30,800	31,000	32,460	135,460	114,950	108,070	166,260	145,950	140,530
W. Va.				1,560	740		1,560	740	
Wis.	7,500	7,300	7,600	372,320	342,120	331,210	379,820	349,320	338,810
Wyo.				1,000			1,000		
U.S.	1,538,950	1,570,350	1,548,890	1,874,490	1,624,640	1,634,660	3,413,430	3,194,990	3,183,550

<sup>1</sup> Area for fresh market is area for harvest. Area for processing is area harvested.<sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.<sup>3</sup> Preliminary.<sup>4</sup> Area of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

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Table 207.—Vegetables, commercial: Production of principal crops, by States, 1975-77

State	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala.	93,800	100,700	80,930	21,680	30,400	12,980	115,180	121,100	93,900
Aris.	541,450	523,880	871,380	8,980	3,630	2,080	547,400	527,500	873,400
Ark.	33,330	36,180	30,800	23,350	19,900	21,680	56,700	56,080	52,480
Calif.	5,149,700	5,098,350	5,298,350	7,815,800	5,285,180	6,899,850	12,965,500	10,383,530	12,198,190
Colo.	187,180	227,200	205,700	24,680	40,350	33,300	222,100	267,450	240,000
Conn.	31,380	14,680	12,830				31,380	14,680	12,830
Del.	15,400	15,780	14,600	87,450	83,550	45,800	82,580	95,300	63,400
Fla.	1,878,450	2,081,880	1,902,480	70,980	73,780	71,350	1,949,400	2,155,900	1,973,700
Ga.	166,800	163,880	154,700	10,600	6,880	8,500	177,400	170,700	163,200
Hawaii	14,450	15,780	17,050				14,450	15,780	17,050
Idaho	101,230	145,780	120,600	196,950	200,550	161,550	298,200	346,300	282,150
Ill.	45,080	40,080	38,350	396,300	370,800	331,400	441,350	410,580	369,750
Ind.	86,700	75,900	74,580	285,600	280,580	215,250	332,300	336,780	287,600
Iowa	200	280	230	76,400	89,800	80,900	78,600	89,180	81,180
Ky.	3,600	11,400	14,000	9,550	9,900	10,900	13,050	21,300	24,900
La.	25,400	6,880	8,450	1,000	600	800	26,400	7,480	7,280
Maine				8,400	6,180	9,000	8,400	6,180	9,000
Md.	82,300	82,580	81,700	163,900	138,700	134,100	216,100	191,250	185,900
Mass.	61,100	44,450	37,850	9,200	7,400	10,400	70,300	51,850	48,250
Mich.	317,500	395,400	386,150	249,650	222,450	237,450	567,150	588,850	603,600
Minn.	31,980	32,780	35,900	598,450	597,650	799,580	630,400	630,700	808,580
Miss.	30,100	45,600	40,200	18,800	12,000	5,600	48,900	57,600	45,800
Mo.	36,550	17,400	26,280		1,780		38,400	19,180	29,250
Mont.				850			850		
Nebr.				850	550	1,000	850	550	1,000
N.H.	7,700						7,700		
N.J.	226,850	233,900	225,050	196,680	197,300	147,780	423,700	431,100	372,900
N. Mex.	98,000	117,180	88,400	8,600	9,000	9,900	104,900	126,180	98,300
N.Y.	821,050	514,200	556,050	429,200	328,200	373,580	950,250	842,400	929,900
N.C.	155,650	162,600	142,350	88,850	82,500	75,300	241,500	245,100	217,650
Ohio	139,900	115,100	122,400	806,150	813,500	814,000	649,050	728,600	696,400
Okl.	24,400	41,000	38,800	12,200	13,650	12,480	36,600	54,650	50,950
Oreg.	243,550	274,950	265,950	570,650	544,200	527,200	814,300	819,150	793,150
Pa.	85,300	87,680	76,480	146,580	161,650	144,660	232,150	249,200	221,100
S.C.	180,060	143,900	135,550	28,000	19,180	25,000	178,060	163,080	160,550
S. Dak.				500	180	400	500	180	400
Tenn.	23,500	25,450	26,250	40,100	32,850	23,900	63,600	58,300	50,150
Tex.	971,85	1,085,800	1,158,650	132,250	127,600	96,800	1,104,100	1,216,300	1,255,550
Utah	18,580	22,620	23,450	25,900	22,400	18,550	44,780	45,900	40,300
Va.	65,600	57,700	67,850	67,950	72,200	49,800	131,550	130,000	107,650
Wash.	170,750	201,150	243,050	453,650	388,900	343,800	654,400	589,950	586,650
W. Va.				3,850	2,250	1,200	3,850	2,250	1,200
Wis.	134,100	125,230	144,100	1,040,680	1,019,600	1,164,100	1,174,750	1,144,850	1,306,300
Wyo.				2,300			2,300		
U.S.	11,936,200	12,328,750	12,309,800	13,533,280	11,049,880	12,587,550	25,469,450	23,377,600	24,897,350

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

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Table 208.—Vegetables, commercial: Value of principal crops, by States, 1975-77

State	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	16,070	22,670	19,731	2,737	2,449	2,080	18,807	25,119	21,781
Ariz.	89,761	86,006	104,123	631	456	205	90,392	86,462	104,328
Ark.	13,106	12,270	7,479	2,816	2,310	2,213	15,924	14,586	9,692
Calif.	890,894	974,185	1,063,468	492,039	312,119	481,842	1,382,923	1,286,304	1,515,010
Conn.	29,624	36,363	25,489	3,151	3,199	3,322	32,775	39,562	28,811
Del.	5,456	2,326	1,939				5,456	2,326	1,939
Fla.	1,843	1,375	1,278	11,490	7,340	7,853	13,333	8,715	9,131
Idaho	400,030	430,642	435,268	8,711	9,027	9,676	408,741	439,669	444,844
Ill.	17,149	16,187	15,390	1,121	888	1,218	18,270	17,073	16,608
Ind.	5,044	5,457	6,904				5,044	5,457	6,904
Iowa	15,298	16,999	12,482	16,068	14,691	10,190	31,364	31,590	22,672
Kent.	7,211	5,182	5,055	35,038	32,207	29,584	42,249	37,389	34,639
Ky.	11,327	10,245	11,530	17,911	18,974	14,700	29,238	29,219	26,230
La.	108	138	190	3,962	3,288	3,176	4,106	3,426	3,366
Maine	1,454	2,393	2,531	1,221	1,286	1,337	2,775	3,679	3,868
Md.	5,247	2,464	2,062	136	65	88	5,383	2,529	2,150
Mass.				1,397	849	1,411	1,397	849	1,411
Mich.	8,422	8,454	8,513	16,550	11,908	12,345	24,972	20,350	20,858
Minn.	10,932	7,685	7,335	783	654	1,039	11,715	8,339	8,374
Miss.	54,907	70,729	79,022	25,557	21,314	23,366	80,464	92,043	102,390
Mont.	3,792	3,976	4,173	44,190	39,407	63,045	47,982	43,383	67,218
Neb.	1,600	2,280	1,688	2,616	1,332	1,237	4,178	3,612	2,925
N.H.	2,480	766	1,575	332	175	265	3,812	941	1,840
N.J.				201			201		
N.M.				111	70	133	111	70	133
N.Y.	893						893		
N.C.	47,456	51,244	54,803	18,523	14,563	11,851	65,991	65,809	66,654
N.D.	23,153	20,276	14,150	602	675	743	23,755	20,951	14,893
Ohio	92,068	102,330	97,815	35,484	21,906	27,363	127,579	124,236	125,178
Ore.	26,256	25,952	24,434	11,590	11,436	9,521	37,846	37,389	34,365
Pack.	25,701	22,074	21,919	39,134	45,175	37,521	64,835	67,249	89,640
Penn.	1,122	2,165	2,002	1,471	1,250	1,090	2,593	3,451	3,092
R.I.	38,144	34,827	30,581	54,917	47,788	44,530	93,061	82,615	75,111
S.C.	13,422	13,963	11,880	11,577	11,361	10,210	24,999	25,344	22,090
S.D.	30,245	25,112	19,455	3,278	2,600	3,621	33,521	27,712	23,076
Tenn.				66	19	54	66	19	54
Tex.	8,690	8,034	11,259	5,794	4,112	4,746	14,484	10,140	16,005
Utah	192,541	166,266	235,236	12,467	11,707	10,601	206,028	177,913	246,237
Va.	2,554	2,555	1,909	2,497	2,006	1,580	5,051	4,561	3,489
Wash.	14,676	14,328	13,291	6,658	5,906	4,703	21,334	20,234	17,994
Wisc.	32,673	38,782	45,070	53,946	43,073	37,517	86,619	81,855	82,587
Wyo.				612	199	110	612	199	110
	12,202	13,675	14,446	88,714	78,721	93,648	100,916	92,366	108,096
				545			545		
U.S.	2,155,350	2,258,175	2,405,877	1,036,621	786,606	939,506	3,191,971	3,044,781	3,344,883

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 209.—Artichokes, globe, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77<sup>1</sup>

Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	8,000	60	480	9.85	4,728	1971.....	11,000	72	792	9.72	7,697
1964.....	8,700	65	566	10.08	5,704	1972.....	11,100	64	710	11.40	8,222
1965.....	9,200	70	644	8.95	5,761	1973.....	12,000	80	960	14.50	8,899
1966.....	8,900	75	668	8.76	5,853	1974.....	10,800	65	702	17.30	12,152
1967.....	9,600	76	730	8.87	6,472	1975.....	10,200	73	734	16.10	11,847
1968.....	9,600	60	576	10.00	5,772	1976.....	10,900	76	806	14.40	11,568
1969.....	10,100	65	657	10.60	6,948	1977 <sup>3</sup> .....	10,900	66	713	19.30	13,775
1970.....	11,000	61	671	10.30	6,920						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> F.o.b. basis.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-63 in *Agricultural Statistics, 1978*, table 225.

Table 210.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	Total crop					For fresh market			For processing		
	Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	145,170	26	3,756	14.01	52,639	1,037	16.33	16,936	135,960	262.62	35,703
1964.....	144,730	24	3,523	12.70	44,801	1,000	14.80	14,770	126,150	238.00	30,031
1965.....	131,230	25	3,280	15.00	49,072	1,040	16.30	16,921	112,000	287.00	32,151
1966.....	128,110	26	3,319	17.40	57,888	847	20.10	17,029	123,600	331.00	40,859
1967.....	125,920	24	3,048	17.80	54,336	850	21.00	17,877	109,900	333.00	36,459
1968.....	121,300	26	3,202	18.80	60,108	892	21.80	19,459	115,500	332.00	40,619
1969.....	115,350	24	2,815	19.60	55,249	778	23.60	18,350	101,850	362.00	36,899
1970.....	112,260	25	2,755	19.90	54,836	944	22.30	21,019	90,850	373.00	33,817
1971.....	114,170	24	2,791	22.90	64,015	833	29.20	24,309	97,900	406.00	39,706
1972.....	119,070	24	2,891	23.50	67,921	922	26.70	24,653	98,450	439.00	43,256
1973.....	115,380	22	2,545	26.10	66,411	860	31.10	26,765	84,250	471.00	39,646
1974.....	112,490	23	2,604	28.50	74,277	824	33.40	27,489	89,000	526.00	46,788
1975.....	102,670	21	2,141	28.70	61,436	874	34.00	29,695	63,350	501.00	31,741
1976.....	92,680	23	2,302	31.30	72,122	919	38.10	35,025	69,150	595.00	37,097
1977 <sup>3</sup> .....	85,820	26	2,201	37.00	81,445	746	46.80	34,916	72,750	646.00	46,535

<sup>1</sup> Excludes the following quantities not marketed because of economic conditions: 120,000 cwt. (6,000 tons) for processing in 1965, 91,000 cwt. (4,550 tons) for processing in 1966, and 50,000 cwt. for fresh market only in 1969.<sup>2</sup> Fresh market price and value on f.o.b. basis.<sup>3</sup> Beginning 1964, processing price and value at processing plant door.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-63 in *Agricultural Statistics, 1978*, table 225.

Table 211.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Season and State	Area <sup>1</sup>			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cut.</i>	<i>1,000 cut.</i>	<i>1,000 cut.</i>	<i>Dollars per cut.</i>	<i>Dollars per cut.</i>	<i>Dollars per cut.</i>
Calif.....	38,200	33,900	30,300	1,070	1,254	1,121	30.70	32.20	38.20
Ill.....	6,800	5,200	4,500	85	47	50	26.00	29.80	34.50
Mass. <sup>3</sup> .....	460			7			41.50		
Mich.....	17,800	18,000	17,300	196	180	190	24.30	33.00	43.90
N.J.....	4,600	3,300	2,300	64	43	32	35.30	43.60	55.10
Wash.....	21,000	20,400	20,200	567	653	687	25.40	28.70	33.80
Other States <sup>4</sup> .....	13,710	11,780	11,230	142	125	121	30.10	30.90	31.60
U.S.....	102,570	92,580	85,820	2,141	2,302	2,201	28.70	31.30	37.00

  

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	<i>1,000 cut.</i>	<i>1,000 cut.</i>	<i>1,000 cut.</i>	<i>Dollars per cut.</i>	<i>Dollars per cut.</i>	<i>Dollars per cut.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Spring:												
Calif.....	657	728	561	35.10	37.60	46.60	20,650	26,450	28,000	475.00	494.00	594.00
Ill.....	9	7	9	41.70	49.10	46.30	4,300	2,000	2,050	501.00	528.00	638.00
Mass. <sup>3</sup> .....	7			41.50								
Mich.....	21	20	13	28.90	38.70	51.00	8,750	8,800	8,850	476.00	645.00	868.00
Wash.....	111	117	121	25.20	38.20	45.40	22,800	26,800	28,300	508.00	532.00	619.00
Other States <sup>4</sup> .....	69	50	42	37.20	43.60	52.20	6,850	5,900	5,550	588.00	603.00	612.00
U.S.....	874	919	746	34.00	38.10	46.80	63,350	69,150	72,750	501.00	536.00	640.00

<sup>1</sup> Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued in 1976.

<sup>4</sup> Mostly for processing; includes Delaware, Indiana, Iowa, Maryland, Minnesota, Ohio, Oregon, and Virginia.

<sup>5</sup> Data for fresh market include Indiana, Iowa, Maryland, New Jersey, Ohio, and Oregon. Data for processing include Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 212.—Beans, green lima (for processing), commercial crop: Area, production, and value per ton, by States, 1975-77

State	Area			Production <sup>1</sup>			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.....	26,900	15,700	26,900	46,300	25,750	43,200	349.00	323.00	384.00
Del.....	12,100	8,400	9,000	10,050	7,000	5,100	285.00	197.00	248.00
Md.....	3,200	3,900	2,800	2,700	2,650	2,100	294.00	271.00	264.00
Wis.....	11,200	5,000	5,900	11,400	4,600	6,900	275.00	224.00	246.00
Other States <sup>3</sup> .....	23,600	15,000	15,650	25,650	15,830	16,900	319.00	289.00	313.00
U.S.....	76,900	48,000	60,310	96,100	55,800	74,200	321.00	278.00	243.00

<sup>1</sup> Preliminary.

<sup>2</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>3</sup> Arkansas, Idaho, Illinois, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Utah, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 213.—Beans, green lima, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market <sup>1</sup>					For processing				
	Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>5</sup>	1,000 cwt. <sup>6</sup>	Dollars	1,000 dollars	Acres	Tons <sup>7</sup>	Tons <sup>7</sup>	Dollars	1,000 dollars
1963.....	14,900	25	374	8.70	3,238	71,850	*2,368	84,830	148.38	12,588
1964.....	13,350	25	332	9.98	3,306	75,910	1.04	78,880	182.00	14,318
1965.....	11,900	25	303	10.40	3,137	83,970	1.15	96,650	177.00	17,061
1966.....	11,300	25	279	11.70	3,263	96,980	1.08	104,500	174.00	18,306
1967.....	10,900	26	288	11.70	3,373	97,310	1.19	115,750	178.00	20,552
1968.....	10,500	25	289	11.90	3,078	104,680	1.10	115,300	194.00	22,380
1969.....	.....	.....	.....	.....	.....	83,180	1.19	98,700	179.00	17,650
1970.....	.....	.....	.....	.....	.....	70,630	1.11	78,780	184.00	14,491
1971.....	.....	.....	.....	.....	.....	71,130	1.13	80,650	185.00	14,960
1972.....	.....	.....	.....	.....	.....	74,470	1.22	90,650	208.00	18,529
1973.....	.....	.....	.....	.....	.....	77,530	1.27	98,100	211.00	20,714
1974.....	.....	.....	.....	.....	.....	73,700	1.21	89,460	315.00	28,179
1975.....	.....	.....	.....	.....	.....	76,900	1.25	95,100	322.00	30,998
1976.....	.....	.....	.....	.....	.....	48,000	1.16	55,800	287.00	16,007
1977 <sup>8</sup> .....	.....	.....	.....	.....	.....	60,310	1.23	74,200	343.00	25,426

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Excludes 1,000 cwt. not marketed because of economic conditions in 1964, but includes 2,000 cwt. in 1963 which was excluded in computing value.<sup>3</sup> Fresh market price and value on f.o.b. basis.<sup>4</sup> Beginning 1964, processing price and value at processing plant door.<sup>5</sup> In the shell.<sup>6</sup> Yield in 1963 in pounds.<sup>7</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>8</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 229.

Table 214.—Beans, snap, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1963.....	108,730	38	4,108	9.67	39,272	194,040	2.4	474,430	99.68	47,291
1964.....	102,440	38	3,854	10.10	38,777	216,930	2.17	469,880	102.00	47,920
1965.....	96,430	39	3,756	10.70	40,307	230,660	2.34	540,530	96.60	52,231
1966.....	97,410	37	3,618	12.00	43,305	245,070	2.13	521,330	101.00	52,544
1967.....	97,790	39	3,785	11.50	43,580	273,590	2.32	635,920	102.00	64,621
1968.....	94,440	37	3,520	12.60	44,271	267,070	2.35	626,630	99.80	62,550
1969.....	88,320	37	3,290	13.00	42,826	238,290	2.39	568,450	99.50	56,565
1970.....	85,350	37	3,120	13.10	41,010	227,770	2.50	570,130	95.80	54,480
1971.....	83,610	37	3,096	14.40	44,599	240,200	2.48	596,080	92.60	55,264
1972.....	86,700	36	3,137	14.80	46,569	255,440	2.40	613,400	100.00	61,538
1973.....	86,870	35	3,033	17.90	54,173	262,180	2.54	741,850	103.00	76,241
1974.....	82,990	35	2,920	18.80	54,404	291,080	2.57	748,350	157.00	117,654
1975.....	84,220	38	3,179	19.60	62,303	273,580	2.43	665,200	153.00	102,098
1976.....	85,120	37	3,126	19.90	62,253	237,170	2.49	590,700	139.00	81,805
1977 <sup>4</sup> .....	77,550	37	2,868	20.80	59,526	257,740	2.62	675,900	142.00	96,126

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 143 in 1964, 152 in 1965, and 38 in 1968. Includes 45,000 cwt. in 1963 which was excluded in computing value.<sup>2</sup> Fresh market price and value on f.o.b. basis.<sup>3</sup> Beginning 1964, processing price and value at processing plant door.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 230.

Table 215.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter:									
Fla.....	Acres 14,300	Acres 14,900	Acres 5,500	1,000 cut. 511	1,000 cut. 477	1,000 cut. 198	Dollars per cut. 19.20	Dollars per cut. 23.50	Dollars per cut. 25.90
Total.....	14,300	14,900	5,500	511	477	198	19.20	23.50	25.90
Spring:									
Calif.....	800	900	900	72	90	95	23.90	23.10	20.30
Fla.....	11,500	12,200	13,500	435	464	486	19.40	13.90	18.60
Ga.....	2,300	2,500	2,300	62	73	64	19.00	17.50	23.00
La. <sup>2</sup> .....	500			17			22.00		
N.J.....	700	900	1,300	21	45	44	24.00	18.90	24.40
N.C.....	2,800	2,700	2,700	79	73	65	22.00	18.30	19.30
S.C. <sup>3</sup> .....	2,900	3,000	2,600	81	84	66	24.00	17.50	16.50
Total.....	21,500	22,200	22,600	749	829	820	20.70	16.20	19.20
Summer:									
Ala.....	1,380	1,400	1,200	41	42	36	21.80	19.20	30.00
Calif.....	1,800	1,700	1,700	162	145	153	19.10	18.60	20.20
Conn. <sup>4</sup> .....	550			22			18.60		
Ga.....	1,200	1,300	1,200	34	38	31	18.40	19.30	20.60
Md.....	1,800	1,700	1,800	48	41	41	15.30	15.60	12.80
Mass. <sup>5</sup> .....	680			28			18.00		
Mich.....	2,100	2,800	2,700	67	92	92	18.40	20.00	20.20
N.J.....	3,800	5,000	4,600	141	175	161	20.40	20.40	19.40
N.Y.....	7,600	7,400	7,400	266	244	266	20.50	22.30	22.40
N.C.....	3,800	3,800	3,700	163	137	135	20.00	24.00	25.90
Ohio.....	1,100	800	800	55	36	32	18.00	30.70	21.00
Pa.....	600	710	700	35	37	37	18.90	19.00	18.90
Tenn.....	1,600	1,900	2,200	74	80	88	16.40	16.50	20.30
Va.....	3,400	3,000	2,900	109	84	84	18.90	16.00	19.50
Total.....	31,000	31,510	30,900	1,245	1,151	1,154	19.30	20.10	21.20
Fall:									
Calif.....	1,100	1,100	1,000	83	83	75	20.90	30.00	22.60
Fla.....	10,400	10,500	11,700	395	420	445	20.00	21.40	18.90
Ga.....	800	700	1,400	24	20	36	19.80	18.50	22.80
Md.....	300	280	390	14	11	12	13.30	18.00	17.30
N.J.....	700	700	700	28	21	20	15.90	23.10	22.50
N.C.....	300	300	300	12	12	12	16.50	25.00	21.70
S.C.....	1,200	1,000	1,000	41	30	32	18.40	18.00	19.80
Va.....	2,100	1,800	2,000	67	61	82	11.70	23.00	18.50
Total.....	16,900	16,380	18,390	664	658	684	18.80	21.20	19.60
All groups.....	84,100	84,990	77,390	3,109	3,115	2,856	19.50	19.80	20.60
Hawaii.....	120	130	160	10	11	12	47.60	45.50	52.40
U.S.....	84,220	85,120	77,550	3,179	3,126	2,868	19.60	19.90	20.80

See footnotes at end of table.

Table 215.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77—Continued

Utilization and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
FOR PROCESSING	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Ala.	—	—	3,100	—	—	8,300	—	—	153.00
Ark.	4,000	3,000	4,700	10,300	8,750	8,450	144.00	148.00	120.00
Calif.	7,400	4,800	6,000	18,150	11,300	15,700	199.00	199.00	186.00
Colo.	1,700	1,800	1,700	6,000	4,900	6,050	127.00	133.00	126.00
Ill.	9,000	7,700	7,300	21,150	21,400	20,150	181.00	182.00	142.00
Ind.	—	3,400	—	—	—	9,000	—	—	145.00
Md.	—	4,600	—	—	—	9,000	—	—	151.00
Mieh.	13,100	14,000	16,800	30,000	30,400	41,300	129.00	132.00	125.00
N.Y.	48,000	42,600	45,000	106,000	70,300	98,100	161.00	138.00	140.00
N.C.	—	1,300	1,400	—	2,950	1,820	—	177.00	184.00
Ohio	—	220	200	—	650	450	—	100.00	100.00
Okl.	2,200	2,300	2,200	5,100	5,300	5,000	177.00	114.00	95.00
Oreg.	32,400	29,300	32,500	137,100	136,250	140,200	148.00	133.00	137.00
Pa.	6,100	8,300	8,000	11,800	12,050	10,350	181.00	145.00	162.00
Tenn.	15,200	11,800	13,700	31,900	23,350	28,100	190.00	156.00	166.00
Tex.	4,500	3,300	—	9,800	8,250	—	170.00	153.00	—
Va.	2,900	3,500	3,000	4,800	5,550	5,450	200.00	151.00	179.00
Wash.	—	—	1,700	—	—	4,550	—	—	136.00
Wis.	64,800	69,500	67,200	143,200	170,250	185,450	136.00	134.00	128.00
Other States <sup>2</sup>	62,250	28,550	41,540	130,500	61,050	90,950	166.00	150.00	161.00
Total	273,580	337,170	357,740	665,200	590,700	675,900	153.00	139.00	142.00
Grand total	357,800	322,290	335,290	824,150	747,000	819,200	199.00	193.00	190.00

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued in 1976.<sup>3</sup> Does not include 22,000 cwt. in 1977 not harvested or not marketed because of economic conditions.<sup>4</sup> 1975—Alabama, Delaware, Florida, Georgia, Idaho, Indiana, Kentucky, Maine, Maryland, Minnesota, Mississippi, Missouri, New Jersey, North Carolina, Ohio, South Carolina, Utah, and Washington; 1976—Iowa, Delaware, Florida, Georgia, Idaho, Kentucky, Maine, Minnesota, Missouri, New Jersey, South Carolina, Utah, Washington, and West Virginia; 1977—Delaware, Florida, Idaho, Indiana, Kentucky, Maine, Minnesota, New Jersey, Ohio, South Carolina, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 216.—Beets, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market <sup>1</sup>					For processing				
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
				1,000 cwt.	1,000 dollars				Dollars	1,000 dollars
1963	3,150	123	388	4.46	1,729	18,700	11.3	211,410	17.21	3,638
1964	2,940	123	361	4.68	1,688	16,220	10.96	177,790	19.00	3,385
1965	2,700	123	331	5.23	1,730	14,530	12.29	178,510	18.30	3,271
1966	2,800	116	326	4.15	1,352	17,030	11.37	193,850	20.00	3,872
1967	2,780	107	294	4.09	1,202	17,630	11.70	206,350	20.50	4,226
1968	1,800	134	241	5.22	1,259	21,160	12.72	269,200	23.50	6,394
1969	—	—	—	—	—	17,930	12.34	219,550	22.00	4,831
1970	—	—	—	—	—	15,000	13.71	205,650	21.30	4,379
1971	—	—	—	—	—	13,900	13.86	190,750	21.40	4,059
1972	—	—	—	—	—	12,670	13.02	164,900	23.70	3,910
1973	—	—	—	—	—	18,400	12.25	200,550	27.50	5,520
1974	—	—	—	—	—	18,510	13.03	241,100	41.00	9,887
1975	—	—	—	—	—	18,080	12.78	231,100	38.20	8,818
1976	—	—	—	—	—	14,490	10.86	157,350	38.50	6,057
1977 <sup>4</sup>	—	—	—	—	—	14,120	14.60	206,200	38.70	7,981

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Fresh market price and value on f.o.b. basis.<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 232.

Table 217.—Beets (for canning), commercial crop: Area, production, and value per ton, by States, 1975-77

State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
N.Y.-----	4,900	4,700	3,600	76,050	56,450	51,600	38.30	35.30	35.00
Tex.-----	2,900	1,600	-----	19,300	10,450	-----	36.60	34.00	-----
Wis.-----	7,300	6,300	8,900	90,300	88,400	95,000	36.60	35.90	36.60
Other States <sup>2</sup> -----	2,980	1,890	3,620	45,450	32,050	59,600	41.70	50.30	45.30
U.S.-----	18,080	14,490	14,120	231,100	187,350	206,200	38.20	38.50	38.70

<sup>1</sup> Preliminary.<sup>2</sup> 1975—California, Michigan, Ohio, Tennessee, and Washington; 1976—California, Ohio, Oregon, and Washington; 1977—California, Indiana, Michigan, Ohio, Oregon, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 218.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77 <sup>1</sup>

Year	Total crop					For fresh market		For processing			
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963-----	41,450	59	2,448	7.85	19,224	-----	-----	-----	-----	-----	-----
1964-----	39,100	61	2,323	7.97	18,522	-----	-----	-----	-----	-----	-----
1965-----	37,470	59	2,211	8.31	18,369	-----	-----	-----	-----	-----	-----
1966-----	39,280	68	2,677	8.68	23,247	-----	-----	-----	-----	-----	-----
1967-----	43,360	64	2,782	8.88	24,696	-----	-----	-----	-----	-----	-----
1968-----	42,950	72	3,080	8.93	27,497	-----	-----	-----	-----	-----	-----
1969-----	37,360	67	2,487	10.10	25,153	811	13.00	10,575	83,800	174.00	14,578
1970-----	41,140	76	3,128	9.71	30,482	977	13.40	13,072	108,080	161.00	17,419
1971-----	42,770	74	3,171	11.20	35,577	1,286	14.80	19,022	94,250	176.00	16,575
1972-----	47,300	77	3,644	10.80	39,451	1,378	14.10	19,458	113,450	176.00	20,015
1973-----	53,940	85	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	19,859
1974-----	49,400	80	3,933	14.20	55,912	1,590	17.10	27,364	117,150	245.00	28,648
1975-----	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976-----	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977 <sup>5</sup> -----	59,090	91	5,379	16.40	88,059	2,448	20.00	49,190	146,650	285.00	38,899

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Excludes 46,000 cwt. in 1970 and 22,000 cwt. in 1973 not marketed because of economic conditions.<sup>3</sup> Fresh market price and value on f.o.b. basis.<sup>4</sup> Processing price and value at processing plant door.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 234.

## FOOTNOTES FOR TABLE 220

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> Excludes 95,000 cwt. in 1965 not marketed because of economic conditions.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Beginning 1971, California only.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1972*, table 236.



Table 219.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1975-77 <sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Winter:									
Aris.....	Acres	Acres	Acres	1,000	1,000	1,000	Dollars	Dollars	Dollars
Calif.....	350	350	* 1,180	cut.	cut.	cut.	per cut.	per cut.	per cut.
Tex.....	10,800	13,000	12,900	19	18	* 71	17.50	21.00	* 21.20
Total.....	650	450	( <sup>b</sup> )	1,080	1,105	1,097	15.10	15.80	18.90
Total.....	11,800	13,800	14,050	1,110	1,153	1,168	17.40	18.60	( <sup>c</sup> )
Spring:									
Calif.....	13,000	14,800	19,000	1,105	1,332	1,995	14.70	13.80	14.20
Total.....	13,000	14,800	19,000	1,105	1,332	1,995	14.70	13.80	14.20
Summer:									
Calif.....	8,800	6,700	7,800	572	593	780	15.30	17.80	16.80
Oreg.....	1,900	900	940	160	73	81	14.20	12.10	15.10
Total.....	10,700	7,600	8,740	732	576	861	15.10	17.00	16.60
Fall:									
Aris.....	250	300	* 900	18	15	* 43	18.70	24.30	* 17.20
Calif.....	13,800	15,900	16,400	966	1,193	1,312	15.40	17.40	17.10
Tex.....	100	400	( <sup>b</sup> )	3	20	( <sup>b</sup> )	18.70	22.40	( <sup>c</sup> )
Total.....	14,150	16,600	17,300	987	1,228	1,355	15.50	17.50	17.10
U.S.....	49,650	52,800	59,090	3,940	4,289	5,379	15.10	15.90	16.40

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 cut.	1,000 cut.	1,000 cut.	Dollars per cut.	Dollars per cut.	Dollars per cut.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Calif.....	1,966	2,129	2,350	17.30	18.90	20.00	87,850	100,200	141,700	252.00	252.00	265.00
Other States <sup>3</sup> .....	69	103	96	19.70	20.70	23.90	7,400	2,580	4,850	261.00	180.00	238.00
U.S.....	2,035	2,234	2,446	17.40	19.00	20.00	95,250	102,750	146,550	253.00	250.00	265.00

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (mudflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Texas combined with Arizona in 1977 to avoid disclosure.<sup>4</sup> Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 220.—Brussels sprouts, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77 <sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000	Dollars	1,000		Acres	Cwt.	1,000	Dollars	1,000
1963.....	6,200	110	681	10.01	6,817	1971 <sup>4</sup> .....	6,140	107	655	12.40	8,122
1964.....	6,200	118	730	10.60	7,732	1972.....	6,560	111	725	14.30	10,387
1965.....	6,400	107	682	12.00	8,191	1973.....	6,100	105	641	13.90	8,894
1966.....	6,900	106	734	11.90	8,704	1974.....	5,700	115	656	18.60	12,199
1967.....	6,600	104	685	11.80	7,874	1975.....	5,800	120	696	17.50	12,205
1968.....	6,800	94	638	11.60	7,427	1976.....	4,900	120	588	18.50	10,870
1969.....	6,500	89	579	11.50	6,673	1977 <sup>5</sup> .....	5,400	120	648	19.70	12,765
1970.....	5,950	99	587	13.80	7,929						

See footnotes on page 157.



Table 221.—Cabbage, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1963-77

Year	Total crop						Stocks <sup>a</sup>	
	Area for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss <sup>2</sup>	Value <sup>3</sup>		Dec. 1	Jan. 1 <sup>4</sup>
					Per cwt.	Total		
					Dollars	1,000 dollars	1,000 cwt.	1,000 cwt.
1963	117,635	196	23,019	228	2.35	53,125	1,150	855
1964	116,290	186	21,603	164	2.63	53,968	910	460
1965	115,110	199	22,908	270	2.41	54,648	1,190	810
1966	110,580	193	21,390	148	3.32	70,130	760	430
1967	114,180	215	24,505	200	2.42	59,010	980	720
1968	106,770	221	23,585	191	2.81	65,828	1,050	640
1969	108,040	209	22,540	202	2.96	66,102	920	520
1970	109,860	218	23,991	352	3.41	80,529	1,140	820
1971	108,640	220	23,914	260	3.32	78,458	950	520
1972	105,230	215	22,573	200	3.52	78,641	840	400
1973	110,570	220	24,290	260	5.09	122,368	600	495
1974	107,390	236	25,341	289	3.92	98,160	770	570
1975	103,790	241	24,985	351	4.63	113,990	-----	-----
1976	98,830	239	23,606	326	5.02	116,885	-----	-----
1977 <sup>5</sup>	91,830	257	23,563	425	7.61	175,985	-----	-----

  

Year	For fresh market					For sauerkraut				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
				Dollars	1,000 dollars				Dollars	1,000 dollars
1963	106,103	180	19,060	2.70	50,553	11,530	17.1	197,260	13.04	2,572
1964	106,010	173	18,345	2.83	51,467	10,280	15.84	162,850	15.40	2,501
1965	102,360	177	18,130	2.88	51,389	12,750	18.74	238,910	13.60	3,259
1966	90,820	178	17,799	3.77	66,534	10,760	16.69	179,560	20.00	3,596
1967	99,900	191	19,037	2.89	54,357	14,280	19.15	273,400	17.00	4,653
1968	94,210	201	18,948	3.29	61,647	12,560	18.46	231,850	18.00	4,179
1969	95,260	190	18,090	3.46	61,865	12,780	17.41	222,500	19.00	4,237
1970	96,880	193	18,669	4.14	75,822	12,980	20.50	266,100	17.70	4,707
1971	97,180	198	19,215	3.02	74,347	11,460	20.50	234,950	17.50	4,111
1972	94,430	197	18,611	4.04	74,396	10,800	18.34	198,190	21.40	4,245
1973	97,530	204	19,907	5.95	116,944	13,040	16.81	219,150	24.80	5,424
1974	93,460	211	19,712	4.60	89,440	13,910	20.23	281,450	31.00	6,720
1975	91,940	220	20,190	5.37	106,465	11,810	20.30	239,750	31.40	7,525
1976	87,360	217	18,965	5.88	109,630	11,470	20.23	232,050	31.20	7,235
1977 <sup>5</sup>	81,480	233	18,953	9.12	168,963	10,380	22.21	230,500	30.50	7,022

<sup>1</sup> Excludes the following quantities not harvested or not marketed due to economic factors (1,000 hundredweight): 307.2 in 1964, 305 in 1965, 258 in 1966, 420 in 1967, 144 in 1968, 135 in 1969, 180 in 1970, 10 in 1971, 37 for fresh market (also 200 tons for processing) in 1972, and 78 in 1976. Includes 145, 800 cwt. in 1963 which was excluded in computing value.

<sup>2</sup> New York storage crop excluded in computing value for total and fresh market.

<sup>3</sup> Fresh market value on f.o.b. basis. Beginning 1964, processing value at processing plant door; in 1963, average price received by growers at receiving point.

<sup>4</sup> Grower and dealer stocks, New York only.

<sup>5</sup> Jan. 1 of succeeding year.

<sup>6</sup> As of Nov. 15.

<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 239.

Table 222.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>TOTAL CROP<sup>2</sup></b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Aris. <sup>3</sup>	150			18			5.37		
Calif.	2,600	2,400	2,300	533	504	517	5.29	5.41	15.70
Fla.	10,500	10,000	9,000	3,045	2,500	1,935	5.43	4.61	15.20
La. <sup>3</sup>	800			92			4.34		
Tex.	8,700	10,000	8,200	1,392	1,800	1,738	5.25	4.43	17.70
Total	22,750	22,400	17,400	5,080	4,804	4,183	5.35	4.63	16.30
Spring:									
Aris. <sup>3</sup>	350			65			5.75		
Calif.	3,300	2,300	2,300	693	480	518	4.77	3.72	5.56
Fla.	5,000	5,400	5,900	1,425	1,566	1,595	5.54	3.73	9.46
Ga.	2,400	2,600	2,600	240	234	216	5.63	4.04	7.37
La. <sup>3</sup>	700			67			5.79		
Miss. <sup>3</sup>	700			80			4.00		
Mo. <sup>3</sup>	840			78			5.50		
N.J.	800			160			6.20	4.73	5.54
N.C.	2,100	2,100	2,200	231	252	242	6.14	3.17	3.89
Ohio	450	450	450	86	90	99	5.70	4.20	5.20
S.C.	1,200	1,200	800	174	120	88	6.23	4.42	5.96
Tenn.	680	660	660	184	277	182	4.44	3.58	3.91
Tex.	3,000	3,600	3,200	690	774	992	5.40	4.88	8.58
Total	21,220	19,210	18,710	4,183	3,971	4,116	5.42	4.01	7.72
Summer:									
Calif.	1,800	1,400	1,400	400	357	343	4.56	6.13	4.92
Colo.	870	870	1,100	283	283	383	4.14	4.26	4.10
Ga.	800	800	500	45	54	53	6.02	6.40	6.88
Ill.	1,800	1,700	1,800	305	357	320	4.03	3.88	4.55
Ind.	1,000	1,100	980	280	336	294	3.85	3.47	3.89
Mo.	680	670	670	127	127	124	4.20	3.68	4.78
Mass. and Conn.	1,290	980	890	323	225	200	5.52	4.20	4.70
Mich.	2,900	2,300	2,300	464	345	391	4.09	4.41	5.31
Minn. <sup>3</sup>	700			126			5.62		
N.J. <sup>4</sup>	2,400	2,300	2,400	456	449	444	5.53	4.58	5.33
N.Y.	3,800	3,700	3,800	1,501	1,314	1,444	3.14	2.94	3.05
N.C.	3,700	3,700	2,800	685	740	481	3.73	4.24	4.37
Ohio	1,000	1,200	1,300	250	282	285	5.47	5.24	5.08
Pa.	1,600	1,800	1,800	368	315	375	4.31	4.55	4.95
Va.	1,350	900	970	232	176	243	4.46	3.94	4.17
Wash.	1,300	1,100	900	293	259	239	4.45	4.85	4.00
Wis.	3,400	2,700	3,000	1,377	999	1,275	2.64	2.15	2.53
Total	29,690	26,730	25,910	7,515	6,598	6,965	3.89	3.81	3.94
Fall:									
Aris. <sup>3</sup>	150			28			4.05		
Calif.	1,700	1,600	2,200	425	392	484	4.47	7.05	7.06
Colo.	220	220	300	67	88	90	3.48	4.17	7.42
Fla.	1,800	1,700	1,800	333	383	414	5.72	9.70	8.00
Ind.	200	200	40	56	60	11	4.31	4.33	8.90
Mich.	1,600	1,700	1,700	280	289	332	3.70	3.90	4.61
Mo. <sup>3</sup>	180			26			4.88		
N.J.	1,800	1,400	1,000	338	273	220	6.14	5.51	7.53
N.Y. <sup>4</sup>	5,600	9,100	9,400	3,139	3,049	3,421	4.46	9.20	6.16
N.C.	2,200	2,200	2,200	264	253	275	4.49	6.18	6.68
Ohio	1,300	1,400	1,400	416	546	567	2.35	2.02	2.48
Oreg. and Idaho	1,350	1,090	1,070	334	411	390	4.86	4.73	5.17
Pa.	1,000	1,000	1,000	230	230	170	5.80	5.31	5.21
Tex.	5,400	5,500	5,000	1,026	1,018	1,000	5.03	8.84	8.51
Va.	350	380	370	88	78	93	3.00	3.06	6.27
Wis.	2,100	2,800	2,000	851	1,040	850	2.74	2.15	4.04
Total	29,670	30,090	29,380	8,121	8,110	8,267	4.37	6.73	6.05
All groups	103,330	98,420	91,400	24,869	23,483	23,436	4.60	4.99	7.59
Hawaii	420	410	430	116	123	127	10.00	9.90	11.30
U.S.	103,750	98,830	91,830	24,985	23,606	23,563	4.63	5.02	7.61

See footnotes at end of table.

Table 222.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77—Continued

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
							Dollars per ton	Dollars per ton	Dollars per ton
FOR SAUERKRAUT	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
N.Y.-----	4,000	3,900	4,100	90,250	81,600	90,650	31.80	30.80	29.90
Ohio-----	900	1,000	950	16,700	23,500	24,000	31.10	31.20	30.50
Wis-----	3,500	4,200	3,500	71,150	76,550	74,450	27.80	28.80	29.30
Other States <sup>2</sup> -----	3,410	2,370	1,830	61,650	50,400	41,100	35.60	35.40	33.80
U.S.-----	11,810	11,470	10,380	230,750	232,050	230,500	31.40	31.20	30.50

<sup>1</sup> Preliminary.<sup>2</sup> Includes production for fresh market and processing.<sup>3</sup> Estimates discontinued in 1976.<sup>4</sup> Excludes 78,000 cwt. in 1976 not harvested or not marketed because of economic conditions.<sup>5</sup> Storage crop includes some quantities lost by shrinkage and waste.<sup>6</sup> 1975-76—Colorado, Florida, Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington; 1977—Colorado, Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 223.—Cantaloups, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77<sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963-----	122,150	110	13,409	4.96	66,554	1971-----	100,400	123	12,382	8.58	81,230
1964-----	121,450	100	12,162	5.02	61,009	1972-----	97,750	133	13,045	7.28	94,939
1965-----	100,800	104	11,439	5.51	63,051	1973-----	93,000	122	11,302	8.08	91,268
1966-----	103,800	104	10,745	6.28	67,428	1974-----	89,500	139	9,720	9.99	97,111
1967-----	107,200	117	12,539	6.26	78,504	1975-----	75,060	130	9,774	10.50	102,242
1968-----	115,350	117	13,543	5.78	78,234	1976-----	75,030	133	10,006	11.00	109,739
1969-----	124,300	110	13,097	5.61	76,850	1977 <sup>4</sup> -----	79,500	136	10,781	10.60	113,963
1970-----	109,710	121	13,282	6.16	81,882						

<sup>1</sup> Includes casaba and persian melons, but not honeyball or honeydew melons.<sup>2</sup> Excludes the following quantities not marketed (1,000 hundredweight): 240 in 1965, 10 in 1971, 203 in 1973, and 46 in 1974.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 241.

## FOOTNOTES FOR TABLE 226

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1975—Wisconsin, 170; 1976—winter, California, 96; spring, California, 147.<sup>3</sup> Estimates discontinued in 1976.<sup>4</sup> Illinois, New Jersey, and Ohio.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 224.—Cantaloupes, commercial crop: Area, production, and value per hundredweight, by States, 1975-77<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Spring:									
Aria	Acres	Acres	Acres	1,000	1,000	1,000	Dollars	Dollars	Dollars
Calif.	2,800	5,900	5,300	260	625	795	per	per	per
Tex.	7,500	8,200	10,700	788	1,230	1,498	cut.	cut.	cut.
Total	8,500	10,400	10,700	1,020	988	1,238	15.90	12.40	14.60
Total	18,000	23,600	26,700	2,068	2,843	3,631	15.90	12.80	11.90
Summer:									
Aria	5,000	1,900	4,300	600	286	688	11.90	11.80	10.10
Calif.	33,100	28,100	27,200	5,297	5,058	4,488	8.28	10.30	9.97
Colo.	810	530	850	185	149	115	10.80	8.00	4.80
Ga.	3,300	3,700	3,700	215	238	241	9.62	8.53	6.19
Ind.	1,700	1,800	1,800	238	234	270	7.70	8.43	9.79
Mich.	2,100	2,000	2,000	168	150	160	11.00	13.70	11.10
Ohio <sup>3</sup>	650			88			8.75		
S.C.	3,100	3,200	3,100	124	131	140	9.86	9.15	8.58
Tex.	5,300	5,500	6,500	504	440	683	12.10	12.00	11.50
Total	54,160	47,030	49,450	7,389	6,054	6,785	9.90	10.30	9.90
Fall:									
Aria	800	1,700	850	96	170	102	10.90	11.70	9.11
Calif.	2,100	2,700	2,500	221	338	363	8.40	9.15	12.00
Total	2,900	4,400	3,350	317	508	365	9.15	10.00	11.20
U.S.	75,060	75,030	79,500	9,774	10,005	10,781	10.50	11.00	10.90

<sup>1</sup> Includes casaba and persian melons, but not honeyball and honeydew melons. <sup>2</sup> Preliminary. <sup>3</sup> Estimates discontinued in 1976.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 225.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	Total crop				For fresh market				For processing			
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production	Value <sup>2</sup>		
				Per cwt.	Total		Per cwt.	Total		Per ton	Total	
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	
1963	91,170	198	18,015	2.91	52,184							
1964	82,510	197	16,216	3.46	56,183							
1965	79,680	219	17,469	3.50	61,176							
1966	79,680	216	17,215	4.02	69,170							
1967	81,290	215	17,501	4.16	72,873							
1968	72,200	205	19,142	4.31	82,516							
1969	79,000	233	18,380	4.37	80,260	11,188	6.22	69,504	360,500	22.50	10,756	
1970	77,570	234	18,156	3.63	65,953	10,952	5.09	55,753	360,200	28.20	10,170	
1971	72,330	261	18,906	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985	
1972	75,800	259	19,608	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098	
1973	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502	
1974	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334	
1975	70,180	272	19,073	6.93	132,196	12,567	9.39	118,013	325,300	43.60	14,183	
1976	73,370	262	19,247	5.95	114,565	12,505	8.11	101,363	337,100	39.20	13,202	
1977 <sup>4</sup>	72,720	275	20,011	7.58	151,733	11,737	11.50	134,299	414,200	42.10	17,434	

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 170 in 1975 and 243 in 1976. Includes 110,400 cwt. in 1963 which was excluded in computing value. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 243.

Table 226.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Winter:									
Aris.....	500	500	600	1,000 cut. 55	1,000 cut. 80	1,000 cut. 84	Dollars per cut. 11.80	Dollars per cut. 6.22	Dollars per cut. 16.90
Calif.:.....									
Desert <sup>2</sup> .....	4,400	4,400	4,000	1,075	1,056	1,040	8.57	5.18	12.00
Other.....	4,100	4,900	4,100	1,189	1,819	1,107	7.37	5.30	11.30
Tex.....	9,000	10,500	8,000	1,350	1,575	1,130	9.35	5.70	12.90
Total.....	18,000	20,300	16,700	3,672	4,210	3,351	8.52	5.43	12.10
Spring:									
Aris.....	1,000	1,500	1,200	100	165	180	10.70	7.15	9.61
Calif.:.....									
Desert <sup>2</sup> .....	5,200	5,700	5,700	1,245	1,397	1,083	8.92	4.57	8.79
Other.....	4,800	4,800	4,900	1,632	1,728	1,568	9.90	6.16	9.12
Tex.....	3,600	5,300	3,200	612	636	592	8.72	5.67	8.45
Total.....	14,600	17,300	15,000	3,592	3,926	3,423	9.38	5.56	8.90
Summer:									
Calif.: Other.....	7,200	6,300	6,800	2,623	1,890	2,346	6.44	6.79	5.60
Colo.....	1,000	1,000	1,000	230	280	220	5.90	8.26	8.61
Ill.....	300	250	250	72	75	88	6.67	6.27	5.45
Mich.....	2,700	3,300	3,000	648	858	690	8.90	7.25	9.57
Tex.....	800	700	1,300	216	126	241	10.50	10.20	12.50
Wash.....	600	700	1,300	192	242	540	5.73	7.24	4.24
Wis. <sup>3</sup> .....	1,400	1,700	1,700	567	638	799	3.83	3.28	3.34
Total.....	14,000	15,950	15,350	4,583	4,109	4,924	6.56	6.58	5.11
Fall:									
Calif.:.....									
Desert.....	700	700	700	168	147	151	8.21	10.50	10.30
Other.....	6,700	6,200	7,000	1,943	1,580	2,100	6.49	8.61	6.63
Mass. <sup>4</sup> .....	260			83			8.50		
Mich.....	1,900	2,700	2,900	485	783	725	7.44	8.09	10.50
Minn.....	1,140	1,000	1,100	319	450	334	4.02	2.82	3.57
N.Y.....	1,700	1,800	1,900	612	630	618	6.05	7.60	12.80
Oreg.....	1,100	990	1,300	485	427	546	3.02	3.59	3.50
Tex.....	4,200	2,300	4,100	654	428	636	7.15	9.71	10.10
Wash.....	2,400	3,400	4,000	1,116	1,547	1,940	3.69	4.55	3.31
Wis. <sup>3</sup> .....	2,000	1,600	1,800	890	624	837	3.32	3.13	3.17
N.J. and Ohio.....	1,480	1,160	970	531	416	326	2.07	2.06	2.22
Total.....	23,580	21,820	25,670	7,256	7,002	8,313	5.15	6.11	6.10
U.S.....	70,180	73,370	72,720	19,073	19,247	20,011	6.93	5.95	7.58

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 cut.	1,000 cut.	1,000 cut.	Dollars per cut.	Dollars per cut.	Dollars per cut.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Aris.....	185	225	264	11.10	6.90	11.50						
Calif.....	7,674	7,243	8,569	9.28	7.48	10.80	110,900	102,200	141,300	44.90	40.30	44.20
Colo.....	230	280	220	5.90	8.26	8.61						
Mass. <sup>4</sup> .....	53			8.50								
Mich.....	915	1,195	1,155	9.41	9.61	11.70	10,900	22,300	15,000	70.00	41.20	81.30
Minn.....	95	56	130	9.73	11.30	10.20	11,200	19,700	20,700	32.00	32.20	33.10
N.Y.....	273	401	424	10.40	10.50	17.70	16,950	11,450	9,700	50.80	50.30	44.30
Oreg.....	77	78	86	11.60	12.50	11.80	20,400	17,450	23,000	28.10	32.00	39.00
Tex.....	2,406	2,165	2,129	10.00	7.74	13.10	21,300	30,000	23,000	37.70	41.70	31.30
Wash.....	339	610	897	9.20	11.30	9.52	48,450	58,950	80,150	43.20	32.00	30.20
Wis. <sup>3</sup> .....	372	192	103	8.05	8.71	9.73	59,250	53,500	76,650	46.60	44.30	56.30
Other States <sup>4</sup> .....	78	60	60	7.40	7.30	7.00	26,250	21,550	17,700	38.10	41.20	44.20
U.S.....	12,567	12,568	11,727	9.39	8.11	11.50	325,300	337,100	414,300	43.60	39.20	42.10

See footnotes on page 161.

Table 227.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77 <sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Winter:									
Aris.....	900	750	<sup>3</sup> 1,210	59	45	<sup>4</sup> 85	24.60	21.40	<sup>5</sup> 28.70
Calif.....	4,200	6,000	5,900	338	510	443	21.50	20.40	25.00
Tex.....	130	150	( <sup>6</sup> )	15	15	( <sup>6</sup> )	26.00	20.90	( <sup>6</sup> )
Total.....	5,230	6,900	7,110	410	570	528	22.10	20.50	26.10
Spring:									
Calif.....	4,800	5,200	5,900	414	468	590	18.30	18.90	19.20
Total.....	4,800	5,200	5,900	414	468	590	18.30	18.90	19.20
Summer:									
Calif.....	5,600	5,900	6,800	476	620	714	14.00	15.10	20.50
N.Y.....	950	1,400	1,200	84	106	92	21.90	22.10	24.10
Total.....	6,550	7,300	8,000	560	726	806	15.20	16.10	20.90
Fall:									
Aris.....	250	250	<sup>3</sup> 300	16	15	<sup>4</sup> 19	23.70	33.90	<sup>5</sup> 24.40
Calif.....	10,500	9,400	8,500	1,060	799	765	12.60	14.80	18.20
Mich.....	730	550	850	49	30	51	14.50	21.60	16.50
N.Y.....	2,300	1,700	1,800	242	196	225	13.10	16.70	19.30
Oreg.....	1,700	1,900	1,900	238	257	257	10.80	11.00	10.40
Tex.....	100	350	( <sup>6</sup> )	9	20	( <sup>6</sup> )	21.10	29.70	( <sup>6</sup> )
Total.....	15,600	14,150	13,350	1,614	1,317	1,317	12.60	14.90	16.90
U.S.....	31,980	33,550	34,390	2,098	3,081	3,241	15.20	16.80	19.80

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 cut.	1,000 cut.	1,000 cut.	Dol- lars per cut.	Dol- lars per cut.	Dol- lars per cut.	Tons	Tons	Tons	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton
Aris.....	75	60	87	24.40	24.50	30.50						
Calif.....	1,283	1,522	1,542	20.30	21.50	23.80	50,150	43,750	46,500	174.00	176.00	300.00
Mich.....	20	27	24	26.00	23.30	28.30	1,450	150	1,350	130.00	133.00	132.00
N.Y.....	299	297		16.50	18.80		1,350	250		59.20	120.00	
Oreg.....	54	59		19.60	21.10							
Tex.....	24	34		24.20	26.40							
Other States <sup>4</sup>			389			20.90	9,200	9,950	11,100	164.00	159.00	161.00
U.S.....	1,755	1,999	2,022	19.90	21.30	23.60	62,150	54,100	60,950	169.00	173.00	271.00

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Texas combined with Arizona to avoid disclosure.<sup>4</sup> New York, Oregon, and Texas.

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Table 228.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1963-77 <sup>1</sup>

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963	27,780	93	2,596	7.48	19,414						
1964	26,490	95	2,507	7.69	19,291						
1965	24,800	100	2,473	8.23	20,333						
1966	25,950	97	2,526	8.62	21,786						
1967	26,250	93	2,445	8.77	21,447						
1968	27,350	100	2,737	8.77	24,015						
1969	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970	24,060	96	2,208	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971	24,900	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973	31,780	93	2,940	11.60	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974	32,220	94	3,033	13.10	39,894	1,553	17.80	27,653	74,000	161.00	11,941
1975	31,980	94	2,968	15.20	45,504	1,755	19.90	35,000	62,150	169.00	10,504
1976	33,550	92	3,081	16.80	51,868	1,999	21.30	42,535	84,100	173.00	9,333
1977 <sup>5</sup>	34,360	94	3,241	19.80	64,236	2,022	23.60	47,719	60,950	271.00	16,517

<sup>1</sup> Includes heading (cauliflower) broccoli; includes production for fresh market and processing.<sup>2</sup> Excludes 42,000 cwt. in 1970 and 27,000 cwt. in 1973 not marketed.<sup>3</sup> F.o.b. basis.<sup>4</sup> At processing plant door.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964-62 in *Agricultural Statistics, 1972*, table 244.Table 229.—Celery, commercial crop: Area, yield, production, value per hundredweight and total value, United States, 1963-77 <sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1963	30,890	463	14,297	3.60	50,513	1971	33,540	474	15,909	5.46	86,908
1964	30,540	455	13,882	4.58	63,518	1972	33,220	482	16,021	6.42	102,794
1965	30,790	454	13,977	4.43	61,940	1973	33,480	501	16,784	6.04	101,382
1966	32,710	449	14,680	4.88	71,659	1974	32,690	504	16,478	5.70	93,956
1967	32,660	480	14,684	4.75	69,719	1975	31,750	498	15,828	7.46	118,122
1968	32,910	470	15,465	4.85	71,940	1976	33,660	502	16,904	7.89	133,336
1969	33,180	476	15,790	5.61	88,601	1977 <sup>5</sup>	33,560	495	16,608	8.92	148,183
1970	33,080	469	15,531	5.39	83,642						

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.<sup>2</sup> Excludes the following quantities not marketed (1,000 hundredweight): 183 in 1964, 134 in 1965, 297 in 1966, 823 in 1967, 251 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 86 in 1973, and 109 in 1974. Includes 253,000 cwt. in 1963 which was excluded in computing value.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964-62 in *Agricultural Statistics, 1972*, table 246.

## FOOTNOTES FOR TABLE 231

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 157 in 1964, 46 in 1965, 89 in 1966, 30 in 1967, 49 in 1968, 120 in 1970, 349 in 1971, and 77 in 1972. Includes 226,000 cwt. in 1963 which was excluded in computing value.<sup>2</sup> Fresh market price and value on f.o.b. basis.<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964-62 in *Agricultural Statistics, 1972*, table 248.



Table 230.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1975-77<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Calif.:									
Southern Coast.....	3,800	3,800	4,100	2,280	2,128	2,317	5.21	5.65	11.40
Fla.....	5,000	4,300	4,100	2,100	2,086	1,840	5.80	10.40	12.80
Total.....	8,800	8,100	8,200	4,380	4,214	3,957	5.50	9.53	11.90
Spring:									
Calif.:									
Southern Coast.....	4,700	4,900	4,900	2,703	2,846	2,808	6.53	6.23	7.39
Central Coast.....	550	500	600	308	308	335	7.92	5.92	8.48
Fla.....	3,700	3,900	4,000	1,351	1,453	1,160	7.13	9.15	10.90
Total.....	8,950	9,300	9,400	4,362	4,389	4,304	6.81	7.18	8.19
Summer:									
Calif.:									
Central Coast.....	3,200	3,700	4,000	1,872	2,035	2,340	6.58	6.29	8.85
Mich.....	1,900	1,900	1,900	917	901	846	7.97	8.54	8.29
N.Y.....	650	780	440	201	258	183	7.92	8.44	8.47
Ohio.....	240	220	230	101	103	97	8.57	9.48	7.58
Total.....	6,000	6,480	6,570	2,991	3,197	3,468	7.13	7.13	7.11
Fall:									
Calif.:									
Southern Coast.....	1,800	2,000	2,000	928	1,120	1,160	11.60	7.70	7.68
Central Coast.....	4,300	4,900	4,700	2,451	2,891	2,773	9.87	7.25	8.20
Fla.....	1,500	2,000	1,900	450	700	567	13.00	8.98	11.90
Mich.....	200	500	500	88	215	228	6.66	8.48	7.71
N.Y.....	150	130	110	60	48	46	9.90	7.70	6.70
Wash.....	250	250	290	116	120	105	9.41	7.17	6.97
Total.....	8,000	9,780	9,390	4,093	5,104	4,879	10.50	7.63	8.48
U.S.....	31,750	33,660	33,590	13,826	16,904	16,608	7.46	7.89	8.92

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 231.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market				For processing					
	Area for harvest	Yield per acre	Pro-duction <sup>1</sup>	Value <sup>2</sup>		Area har-vested	Yield per acre	Pro-duction	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1963.....	207,340	64	13,347	4.00	53,419	392,330	4.28	1,679,140	19.97	33,539
1964.....	197,830	62	12,198	4.82	58,068	353,040	4.19	1,480,700	20.40	30,185
1965.....	199,490	66	13,198	4.28	57,795	376,090	4.28	1,613,900	22.41	36,180
1966.....	194,980	63	12,304	5.06	61,740	445,650	4.40	1,942,400	23.70	44,637
1967.....	190,100	70	13,219	4.83	63,882	470,550	4.47	2,101,900	25.00	52,541
1968.....	183,880	69	12,670	5.21	66,038	519,180	4.78	2,479,300	25.90	63,405
1969.....	189,100	69	12,996	4.93	64,061	448,700	4.70	2,108,350	25.10	52,983
1970.....	190,000	69	13,102	5.27	69,029	413,650	4.56	1,885,200	23.90	45,134
1971.....	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972.....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973.....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,183
1974.....	177,400	77	13,809	7.90	108,116	482,150	4.48	2,096,450	54.30	112,306
1975.....	177,500	79	14,081	8.41	118,451	508,700	4.70	2,393,100	63.80	128,227
1976.....	179,500	80	14,370	8.18	117,903	490,980	4.84	2,233,100	48.20	107,703
1977 <sup>4</sup> .....	169,300	78	13,221	8.02	106,064	448,980	5.24	2,354,200	49.60	114,296

See footnotes on page 165.

Table 232.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>3</sup>
<b>FOR FRESH MARKET</b>									
Winter:				1,000	1,000	1,000	Dollars	Dollars	Dollars
Fla.....	Acres	Acres	Acres	cut.	cut.	cut.	per cut.	per cut.	per cut.
Fla.....	12,300	11,300	3,800	1,070	1,130	285	8.98	11.20	11.30
Total.....	12,300	11,300	3,800	1,070	1,130	285	8.98	11.20	11.30
Spring:									
Ala.....	1,400	1,300	1,000	105	90	60	8.80	8.00	8.10
Calif.....	4,800	6,300	6,600	804	620	627	10.60	9.11	9.74
Fla.....	26,700	32,500	32,500	2,937	3,575	3,575	9.55	7.42	8.80
Tex.....	1,700	2,200	3,100	111	132	202	7.46	6.85	7.30
Total.....	34,600	42,100	43,200	3,657	4,417	4,464	9.61	7.65	8.92
Summer:									
Ala.....	2,100	1,800	1,300	158	133	60	8.00	11.20	8.80
Calif.....	7,400	7,800	6,700	481	466	402	8.73	7.01	7.82
Colo.....	3,400	3,400	3,300	318	306	314	7.40	7.65	7.30
Conn.....	5,400	4,800	4,400	405	293	277	7.30	7.94	7.00
Ill.....	4,700	4,600	4,000	385	350	340	4.58	5.55	4.25
Mass.....	8,300	7,400	7,200	664	533	432	7.10	7.71	8.90
Mich.....	11,300	12,300	12,300	728	701	775	6.71	7.33	7.08
Mo. <sup>4</sup> .....	1,000	-----	-----	90	-----	-----	8.36	-----	-----
N.H. <sup>4</sup> .....	2,300	-----	-----	154	-----	-----	5.80	-----	-----
N.J.....	10,900	11,100	11,100	783	777	777	7.09	9.63	7.58
N.Y.....	22,200	21,100	20,500	1,443	1,372	1,517	7.47	7.54	6.07
N.C.....	5,300	5,400	4,900	298	351	294	8.88	7.13	7.15
Ohio.....	13,500	14,000	14,500	1,148	910	1,088	8.16	9.12	7.33
Oreg.....	1,700	1,700	1,900	142	145	182	11.20	9.86	9.90
Pa.....	11,100	11,900	11,100	885	916	696	8.30	8.50	8.02
S.C. <sup>4</sup> .....	1,400	-----	-----	70	-----	-----	7.96	-----	-----
Va.....	1,900	1,400	1,200	129	134	92	12.40	12.60	5.58
Wash.....	1,700	1,800	1,900	145	151	181	9.00	8.52	9.34
Total.....	115,300	110,300	106,300	8,395	7,542	7,387	7.61	8.14	7.19
Fall:									
Calif.....	1,700	1,900	1,500	102	105	83	7.61	6.22	8.38
Fla.....	13,800	14,000	14,600	857	1,176	1,022	10.50	7.71	9.17
Total.....	15,300	15,900	16,100	959	1,281	1,105	10.20	7.56	9.11
U.S.....	177,500	179,500	169,300	14,081	14,570	13,221	8.41	8.18	8.02
<b>FOR PROCESSING</b>									
Del.....	1,700	1,800	-----	7,150	6,500	-----	74.50	51.00	-----
Idaho.....	26,800	23,600	24,500	101,050	182,850	141,300	57.80	51.20	48.70
Ill.....	59,700	52,600	45,900	278,400	244,250	225,350	54.60	50.50	52.80
Iowa.....	14,900	10,400	9,200	60,650	41,450	46,350	45.60	48.20	45.80
Md.....	14,500	13,700	12,900	56,250	50,000	45,850	72.40	52.80	57.90
Miss.....	120,800	116,500	120,000	564,800	503,200	648,000	45.70	43.80	46.00
N.Y.....	22,500	21,000	17,000	104,400	82,750	96,500	70.60	45.40	45.70
Oreg.....	41,300	-----	40,900	319,200	-----	301,700	61.70	-----	56.70
Pa.....	6,000	5,100	5,000	20,000	17,450	16,700	58.60	50.50	49.40
Wash.....	44,400	36,100	31,800	306,450	226,000	200,650	64.00	59.50	56.70
Wis.....	142,000	129,700	130,700	517,700	543,850	596,000	41.40	40.20	42.30
Other States <sup>4</sup> .....	14,400	50,480	11,080	86,350	354,800	36,100	60.70	56.60	53.70
U.S.....	508,700	460,980	448,980	2,383,100	2,233,100	2,354,200	53.80	48.20	48.60
Grand total.....	686,300	640,480	618,280	3,067,150	2,951,600	3,015,350	79.60	76.30	73.10

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued in 1976.<sup>3</sup> Tonnage in bush.<sup>4</sup> 1975—Indiana, Ohio, Utah, and Virginia; 1976—Indiana, Oregon, Texas, Utah, Virginia, and West Virginia; 1977—Delaware, Indiana, Oregon, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 233.—Cucumbers, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif.	800	1,000	880	230	265	225	13.00	11.00	12.20
Fla.	7,200	7,800	8,000	1,044	1,287	1,160	9.59	6.36	9.38
N.C.	2,500	3,000	3,000	168	171	210	10.50	7.90	7.02
S.C.	3,900	4,000	4,100	238	380	369	16.50	10.30	7.20
Tex.	2,700	2,900	2,900	127	136	290	13.70	12.90	11.90
Total	17,100	18,700	18,850	1,797	2,239	2,254	11.30	8.09	9.41
Summer:									
Calif.	1,400	1,300	1,100	378	345	275	10.60	8.95	10.90
Md.	1,000	1,000	1,000	155	155	150	8.71	11.00	10.30
Mich.	2,000	2,000	2,100	150	140	168	9.00	11.00	9.26
N.J.	1,300	1,500	1,500	202	218	225	10.10	8.14	13.10
N.Y.	2,100	2,200	2,200	273	253	253	9.62	11.30	10.70
N.C.	3,700	3,800	3,800	215	265	220	9.07	9.01	8.61
Tex.	850	800	1,000	102	95	178	11.10	12.10	12.00
Va.	2,800	2,600	3,000	204	169	204	7.78	10.20	11.00
Total	15,750	15,900	16,000	1,679	1,641	1,671	9.55	9.50	10.80
Fall:									
Calif.	700	800	700	123	117	140	10.80	12.40	14.30
Fla.	7,600	7,000	7,800	798	665	975	9.55	13.30	11.10
S.C.	1,300	1,400	1,200	85	84	81	11.30	9.94	9.89
Tex.	2,700	3,000	4,100	181	165	275	10.10	14.90	11.30
Va.	2,100	2,200	1,500	137	139	84	10.70	8.00	6.07
Total	14,400	14,200	15,300	1,327	1,150	1,535	9.98	12.60	11.10
All groups	47,250	48,800	51,080	4,803	5,030	5,460	10.30	9.55	10.30
Hawaii	200	260	260	37	48	43	19.20	17.80	23.20
U.S.	47,450	49,060	51,310	4,840	5,078	5,503	10.40	9.66	10.49
<b>FOR PROCESSING</b>									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ala.			3,800			6,550			163.00
Calif.	5,500	4,800	4,300	68,850	71,050	61,800	127.00	126.00	120.00
Colo.	2,400	2,400	1,600	17,750	22,050	17,250	93.60	78.50	106.00
Ind.	2,800	1,400	1,400	14,300	11,500	9,750	112.00	104.00	106.00
Md.	3,500	3,800	2,800	27,650	19,800	19,450	118.00	112.00	112.00
Mich.	27,600	25,500	24,500	129,200	103,300	114,000	124.00	112.00	106.00
Miss.	4,800	5,000	3,600	13,700	12,000	8,650	150.00	111.00	143.00
N.C.	29,500	27,700	23,000	79,800	78,100	72,900	133.00	139.00	132.00
N.J.	2,800		1,400	20,050		13,200	138.00		132.00
Ohio	6,900	6,200	6,400	62,300	67,000	71,200	148.00	145.00	132.00
S.C.	9,300	7,700	8,700	27,450	19,050	24,850	117.00	135.00	141.00
Tex.	7,100	6,000	4,500	32,200	37,850	39,850	144.00	129.00	139.00
Va.	3,900	2,700	2,800	20,600	13,900	8,600	130.00	124.00	119.00
Wash.	1,800	1,700		15,500	18,450		130.00	128.00	
Wis.	10,200	10,100	9,400	43,350	44,800	58,550	122.00	117.00	127.00
Other States <sup>2</sup>	22,170	23,580	19,700	98,550	115,250	101,300	127.00	134.00	135.00
U.S.	140,170	128,380	123,990	674,250	633,800	628,100	129.00	128.00	126.00
Grand total	187,620	177,440	175,300	916,250	887,700	903,250	149.00	145.00	151.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes 40,000 cwt. in 1977 not marketed.

1975—Alabama, Arizona, Arkansas, Delaware, Florida, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Missouri, Nebraska, New York, Oregon, Pennsylvania, South Dakota, and Tennessee; 1976—Alabama, Arizona, Arkansas, Delaware, Florida, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Nebraska, New Jersey, New York, Oregon, Pennsylvania, South Dakota, and Tennessee; 1977—Arizona, Arkansas, Delaware, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Nebraska, New York, Oregon, Pennsylvania, South Dakota, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 234.—Cucumbers, commercial crop: Area, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1963-77

Year	For fresh market					For processing					Pickle stocks on hand Oct. 1 <sup>4</sup>
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		
				Per cwt.	Total				Per ton	Total	
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars	Tons
1963	52,890	92	4,890	5.20	24,703	107,720	4.33	466,680	55.36	25,834	450,950
1964	52,280	98	4,934	5.72	28,326	108,900	3.91	425,790	65.80	28,025	434,230
1965	50,800	98	4,932	5.62	29,206	106,210	3.97	429,220	75.00	32,903	441,650
1966	48,190	98	4,728	6.74	31,845	131,020	4.10	537,800	81.60	43,866	485,700
1967	50,380	90	4,990	6.37	31,787	156,200	3.84	599,350	91.20	54,662	573,400
1968	53,990	83	4,449	7.12	31,656	148,320	3.81	564,460	92.10	52,003	501,450
1969	48,880	91	4,422	7.21	31,881	135,020	3.83	517,000	91.90	47,534	548,500
1970	47,670	94	4,478	6.42	28,737	133,580	4.41	588,800	94.10	55,391	563,050
1971	46,560	93	4,339	7.57	32,743	127,060	4.41	563,100	93.20	52,461	522,300
1972	48,960	96	4,702	8.14	38,274	128,520	4.43	571,150	94.00	53,660	539,750
1973	43,890	96	4,306	9.34	39,292	125,090	4.76	598,800	99.30	59,448	501,000
1974	45,080	102	4,878	10.40	48,063	132,010	4.52	597,000	131.00	77,954	496,000
1975	47,450	102	4,840	10.40	50,292	140,170	4.51	674,250	129.00	86,730	502,800
1976	49,000	104	5,078	9.66	49,063	128,380	4.94	633,800	128.00	79,751	476,800
1977 <sup>5</sup>	51,310	107	5,503	10.40	57,256	123,960	5.07	628,100	126.00	79,244	493,630

<sup>1</sup> Excludes some quantities not marketed (1,000 hundredweight): 101 in 1964 and 3 for fresh market and 13,530 tons for processing in 1965. Includes 106,000 cwt. in 1965 which was excluded in computing value.

<sup>2</sup> Fresh market price and value on f.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Stocks in hands of original sellers of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1. Beginning 1963, includes stocks of fresh-pack pickles.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 250.

Table 235.—Eggplant, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	4,100	125	513	5.41	2,775	1971.....	2,770	158	437	9.18	4,013
1964.....	3,850	134	517	6.25	3,231	1972.....	3,100	168	522	8.68	4,530
1965.....	3,650	153	558	5.88	3,283	1973.....	2,690	188	527	9.80	5,164
1966.....	3,350	152	510	7.40	3,775	1974.....	3,150	198	605	11.60	7,042
1967.....	3,580	155	551	6.58	3,623	1975.....	3,350	206	701	10.40	7,289
1968.....	2,900	146	424	10.70	4,520	1976.....	2,450	203	702	10.40	7,317
1969.....	3,350	143	478	8.62	4,120	1977 <sup>5</sup> .....	3,100	205	635	11.40	7,241
1970.....	3,000	156	467	8.03	3,749						

<sup>1</sup> Excludes some quantities not marketed (1,000 hundredweight): 20 in 1964, 20 in 1965, and 21 in 1966.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 252.

Table 236.—Eggplant, commercial crop: Area, production, and value per hundredweight, by States, 1975-77

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>
Winter: Fla.....	550	550	250	132	118	50	13.60	9.97	13.90
Spring: Fla.....	880	900	900	213	230	221	9.13	9.78	11.80
Summer: N.J.....	1,100	1,200	1,000	182	174	155	11.70	10.70	12.10
Fall: Fla.....	550	900	950	174	180	209	8.16	11.30	9.89
U.S.....	3,380	3,450	3,100	701	702	635	10.40	10.40	11.40

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 237.—Escarole, commercial crop: Area, production, and value per hundredweight, by States, 1975-77

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>
Winter: Fla.....	2,800	2,700	2,700	416	378	324	10.80	14.20	21.10
Total.....	2,800	2,700	2,700	416	378	324	10.80	14.20	21.10
Spring: Fla.....	1,400	1,500	1,800	203	210	208	11.90	11.40	12.80
N.J.....	460	400	330	62	62	58	13.90	12.80	10.30
Ohio.....	100	100	100	12	14	10	20.00	20.00	21.00
Total.....	1,960	2,000	2,030	277	286	276	12.70	12.10	12.60
Summer: N.J.....	740	700	770	130	130	135	12.40	15.30	14.00
Ohio.....	600	800	800	78	73	65	18.70	21.00	20.40
Total.....	1,340	1,500	1,570	208	203	200	14.80	17.40	16.10
Fall: Fla.....	1,600	1,700	1,700	184	238	204	11.40	12.70	11.40
Ohio.....	100	80	80	7	5	4	20.00	20.30	22.60
Total.....	1,700	1,780	1,780	191	243	208	11.70	12.90	11.60
U.S.....	7,600	7,650	7,750	1,092	1,110	1,008	12.10	14.00	15.80

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 238.—Escarole, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	8,700	125	1,087	5.34	5,555	1971.....	9,100	127	1,155	9.10	10,513
1964.....	8,800	113	993	6.65	6,606	1972.....	9,300	120	1,180	7.99	9,431
1965.....	10,200	99	1,012	5.91	5,979	1973.....	8,400	143	1,199	11.60	13,943
1966.....	10,450	109	1,143	5.80	6,632	1974.....	8,200	135	1,123	10.80	12,157
1967.....	9,450	119	1,122	6.21	6,965	1975.....	7,600	144	1,092	12.10	13,195
1968.....	7,800	137	1,066	7.60	8,107	1976.....	7,650	145	1,110	14.00	15,483
1969.....	9,300	116	1,102	7.49	8,249	1977 <sup>1</sup> .....	7,750	130	1,008	15.80	15,932
1970.....	8,800	127	1,120	6.48	7,259						

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 53 in 1965 and 40 in 1968. Includes 46,000 cwt. in 1963 not marketed which was excluded in computing value. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 254.

**Table 239.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	8,150	159	1,269	5.81	7,553	1971.....	12,300	166	2,039	6.23	12,712
1964.....	9,800	134	1,312	5.49	7,206	1972.....	12,200	175	2,307	6.24	14,390
1965.....	10,300	145	1,496	5.62	8,411	1973.....	14,000	175	2,453	7.47	18,324
1966.....	9,100	134	1,216	6.63	8,062	1974.....	12,400	176	2,165	8.23	17,993
1967.....	11,300	140	1,577	5.82	9,186	1975.....	12,570	191	2,385	9.31	22,286
1968.....	10,300	134	1,379	6.71	9,249	1976.....	13,950	168	2,346	10.60	24,916
1969.....	13,800	143	1,971	5.86	11,544	1977 <sup>1</sup> .....	15,370	167	2,562	9.81	25,137
1970.....	13,200	146	1,931	5.66	10,936						

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 256.

**Table 240.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1975-77**

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Tex.....	2,200	3,500	5,100	286	291	500	22.10	18.40	14.30
Total.....	2,200	3,500	5,100	286	291	500	22.10	18.40	14.30
Summer:									
Ariz.....	950	1,700	1,100	162	145	165	10.30	11.50	10.50
Calif.....	8,500	7,600	8,300	1,743	1,710	1,702	7.40	9.28	8.57
Total.....	9,450	9,300	9,400	1,905	1,855	1,867	7.65	9.45	8.74
Fall:									
Ariz.....	120	400	170	16	42	30	7.90	8.72	8.19
Calif.....	800	750	700	188	158	165	6.77	10.50	8.52
Total.....	920	1,150	870	204	200	195	6.85	10.10	8.55
U.S.....	12,570	13,950	15,370	2,395	2,346	2,562	9.31	10.60	9.81

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 241.—Garlic, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77<sup>1</sup>

Year	Area for harvest	Yield per acre	Production	Value		Year	Area for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963	4,100	100	410	9.06	3,715	1971	3,700	130	481	9.32	4,485
1964	4,400	115	506	9.38	4,746	1972	5,100	130	663	9.84	6,525
1965	4,600	120	552	8.40	4,636	1973	6,900	130	897	11.70	10,522
1966	3,600	100	360	8.27	2,984	1974	9,000	130	1,170	12.20	14,265
1967	4,400	115	506	10.10	5,120	1975	10,800	130	1,404	13.10	18,418
1968	6,400	125	800	8.99	7,192	1976	8,900	105	924	13.00	11,995
1969	7,300	120	876	8.44	7,397	1977 <sup>2</sup>	10,400	110	1,144	14.30	16,356
1970	5,600	130	728	8.39	6,111						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-82 in *Agricultural Statistics, 1978*, table 258.

Table 242.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1963-77

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963	214,940	183	39,328	4.22	165,042	1971	216,750	219	47,367	6.31	298,847
1964	212,590	184	39,137	4.40	172,086	1972	220,470	221	48,720	5.73	279,295
1965	214,940	190	40,884	4.61	188,335	1973	224,950	225	50,535	7.40	374,177
1966	216,960	191	41,534	5.31	220,606	1974	228,320	228	51,431	6.93	356,402
1967	221,150	195	42,966	4.99	214,554	1975	228,750	235	53,658	6.82	366,167
1968	220,980	200	44,273	4.51	199,845	1976	225,020	240	53,955	8.68	468,378
1969	228,570	196	44,874	5.41	242,672	1977 <sup>2</sup>	228,670	242	55,423	7.91	438,390
1970	234,740	198	46,540	4.75	221,150						

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 7.3 in 1964; 46 in 1965; 673 in 1966; 124 in 1967; 735 in 1968; 876 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; and 1,316 in 1973. Includes 110,800 cwt. in 1963 not marketed which was excluded in computing value.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-82 in *Agricultural Statistics, 1978*, table 260.



Table 243.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1975-77

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Winter:									
Ariz.	11,500	13,900	14,000	2,117	2,532	2,800	7.33	7.45	8.54
Calif.	40,300	41,500	40,900	9,269	9,753	9,612	6.80	6.82	7.98
Fla.	3,000	3,800	4,300	660	828	688	9.14	10.70	13.30
Tex.	3,500	2,500	2,800	788	475	490	7.00	8.13	6.87
Total	58,300	61,500	62,000	12,864	13,588	13,590	7.02	7.00	8.31
Spring:									
Ariz.	11,100	7,400	7,400	2,679	1,734	1,776	7.01	8.30	5.15
Calif.	44,000	43,600	41,900	11,000	11,772	11,704	6.57	6.10	5.47
Fla.	2,100	2,500	2,800	347	388	406	8.75	9.87	8.77
N.J.	1,700	1,700	1,700	255	289	272	7.10	7.87	8.06
N. Mex.	1,200	900	750	162	171	128	5.78	5.60	6.50
Total	60,100	56,100	54,450	14,443	14,354	14,286	5.94	5.49	5.88
Summer:									
Calif.	41,000	37,000	41,000	11,070	10,360	11,685	6.32	11.00	7.17
Colo.	4,300	4,800	4,300	988	1,224	1,011	6.66	10.10	5.94
Conn. <sup>2</sup>	210			30			10.30		
Mass. <sup>2</sup>	350			55			10.50		
Mich.	1,300	1,400	1,400	195	238	238	9.67	13.90	9.80
N.J.	500	600	600	85	108	105	7.33	11.00	7.22
N.Y.	3,200	2,300	3,300	618	304	660	8.46	11.80	8.71
Ohio	900	700	700	117	98	105	21.50	27.50	22.60
Oreg. <sup>2</sup>	600			114			11.90		
Wash.	1,200	1,200	1,100	204	228	204	6.06	8.09	7.41
Wis.	900	1,400	1,400	108	322	322	9.98	12.40	9.65
Total	54,460	49,900	53,800	13,873	13,082	14,330	6.73	11.10	7.37
Fall:									
Ariz.	16,300	16,000	16,500	3,356	3,410	3,465	8.08	8.11	11.00
Calif.	31,200	33,000	33,000	7,800	7,755	8,085	7.19	10.10	9.95
Fla.	1,900	2,400	2,300	257	336	368	9.95	14.70	16.70
N.J.	900	1,200	1,100	180	288	220	8.38	20.00	11.00
N. Mex.	3,800	3,200	3,000	753	832	660	8.55	14.20	8.85
Tex.	1,700	1,200	2,000	354	224	380	10.10	20.60	13.00
Total	58,400	57,000	57,900	12,700	12,845	13,118	7.96	10.40	10.50
All groups	228,260	224,500	228,150	53,580	53,969	55,324	6.81	8.66	7.89
Hawaii	490	520	520	78	86	99	17.60	19.10	19.90
U.S.	228,750	225,020	228,670	53,658	53,955	55,423	6.82	8.68	7.91

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued in 1976.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 244.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1975-77<sup>1</sup>

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Spring:												
Aris.....	1,400	1,800	1,400	688	720	618	-----	-----	-----	9.23	4.78	7.54
Calif. <sup>3</sup> .....	4,600	5,900	5,700	1,887	1,632	1,967	-----	-----	-----	11.70	4.73	8.44
Tex.....	17,000	24,000	16,900	2,978	4,800	2,789	-----	-----	-----	12.10	6.92	13.40
Total.....	23,000	31,700	24,000	5,248	7,172	5,372	-----	-----	-----	11.60	6.20	10.90
Summer:												
Non-storage:												
N.J.....	750	700	650	105	123	117	-----	-----	-----	12.30	8.24	8.51
N. Mex.....	3,000	4,000	3,200	1,005	1,340	1,040	-----	-----	-----	15.70	5.60	7.70
Tex.....	5,200	6,800	6,700	1,404	1,881	1,909	-----	-----	-----	17.20	6.15	9.72
Wash.....	500	550	650	190	209	241	-----	-----	-----	14.50	5.42	8.00
Non-storage total.....	9,450	11,650	11,200	2,704	3,553	3,207	-----	-----	-----	16.30	5.97	8.89
Storage:												
Colo.....	5,300	5,900	6,800	1,543	2,183	2,040	293	373	300	11.00	8.35	6.66
Idaho.....	4,800	5,300	5,300	2,025	2,915	2,412	540	950	603	10.30	8.60	6.90
Ind. <sup>4</sup> .....	800	-----	-----	168	-----	-----	17	-----	-----	8.36	-----	-----
Mich.....	6,800	7,100	7,100	1,788	2,166	2,130	328	306	213	8.59	9.40	10.30
Minn.....	750	800	840	165	172	218	34	22	18	7.73	10.80	6.90
N.Y.....	13,500	13,700	13,300	3,443	3,531	3,924	448	845	785	12.20	10.80	10.10
Ohio.....	580	470	560	218	174	213	22	32	24	8.92	8.54	7.21
Oreg. (east).....	5,500	6,000	6,600	2,473	3,300	3,300	680	1,073	825	10.30	8.90	6.90
Oreg. (west).....	2,100	2,200	2,300	1,092	1,133	840	162	239	100	8.47	7.85	5.80
Utah.....	1,300	1,500	1,400	377	450	469	63	63	80	9.09	6.68	4.65
Wash.....	1,800	1,800	2,300	600	720	920	100	120	140	8.01	8.55	9.00
Wis.....	1,300	1,400	1,300	312	413	288	84	50	40	8.31	9.54	6.20
Storage total.....	43,630	46,170	47,500	14,286	17,257	16,754	2,721	3,675	3,128	10.30	9.07	8.06
Calif. <sup>5</sup> .....	27,000	19,500	22,500	9,180	7,215	7,763	223	359	190	4.77	3.96	3.97
Total summer.....	80,080	77,520	81,200	28,170	28,025	27,724	2,944	3,934	3,318	8.84	7.14	6.90
U.S.....	103,080	106,220	105,200	31,416	35,197	33,096	2,944	3,934	3,318	9.35	6.92	7.63

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Does not include 30,000 cwt. in 1976 not harvested or marketed because of economic conditions.<sup>4</sup> Estimates discontinued in 1976.<sup>5</sup> Summer crop—primarily for processing.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 245.—Onions: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports		Year beginning July <sup>1</sup>	Imports		Year beginning July <sup>1</sup>	Imports	
	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.
1963.....	815	969	1968.....	514	1,193	1973.....	1,079	1,773
1964.....	433	1,105	1969.....	837	1,514	1974.....	909	1,553
1965.....	552	1,138	1970.....	500	1,398	1975.....	696	1,758
1966.....	567	1,675	1971.....	590	1,289	1976 <sup>1</sup> .....	814	2,087
1967.....	921	1,318	1972.....	1,458	1,340			

<sup>1</sup> Year beginning October for 1976.Economics, Statistics, and Cooperatives Service—Economics. Data for 1944-62 in *Agricultural Statistics, 1972*, table 263. Compiled from reports of the U.S. Department of Commerce.

Table 246.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1963-78<sup>1</sup>

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	4,668	359	5,027	98,050	270	25,781	2,393	3.51	82,197
1964.....	4,389	274	4,643	99,660	254	25,287	2,375	3.28	85,412
1965.....	4,553	291	4,844	97,170	299	28,078	3,828	3.71	77,945
1966.....	5,544	250	5,794	93,780	264	24,723	2,247	4.89	107,201
1967.....	4,070	206	4,285	102,680	278	28,579	2,210	3.95	104,113
1968.....	4,009	202	4,811	105,920	272	29,769	3,137	3.60	92,390
1969.....	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970.....	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971.....	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972.....	4,810	170	4,980	94,470	300	29,355	2,457	6.48	167,715
1973.....	3,981	77	4,038	104,990	283	29,689	2,327	7.57	207,225
1974.....	4,754	81	4,835	109,730	302	33,151	2,934	4.67	147,182
1975.....	5,109	80	5,189	103,080	305	31,418	2,944	9.35	260,230
1976.....	4,430	88	4,518	109,220	322	35,197	3,934	6.92	216,256
1977.....	5,126	98	5,224	105,300	315	33,098	3,318	7.63	227,094
1978 <sup>5</sup> .....	5,344	63	5,407	.....	.....	.....	.....	.....	.....

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Grower and local dealer stocks.<sup>3</sup> Excludes the following quantities not marketed (1,000 hundredweight): 644 in 1964, 257 in 1967, 39 in 1970, and 30 in 1978. Includes storage crop onions harvested but not sold because of shrinkage and waste.<sup>4</sup> Price and value on f.o.b. basis.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 263.

Table 247.—Peas, green, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>2</sup>	1,000 cwt. <sup>3</sup>	Dollars	1,000 dollars	Acres	Tons <sup>4,5</sup>	Tons	Dollars	1,000 dollars
1963.....	4,750	39	183	10.78	1,972	422,170	* 2,447	516,560	85.36	44,092
1964.....	4,550	45	203	10.10	3,041	417,410	1.16	484,080	96.90	46,596
1965.....	3,100	39	120	11.30	1,338	441,630	1.37	633,310	99.80	60,199
1966.....	2,000	35	70	13.30	932	424,080	1.18	510,100	105.00	53,259
1967.....	1,800	38	68	12.60	854	458,220	1.29	590,780	109.00	64,296
1968.....	2,000	30	59	15.00	884	452,090	1.29	582,600	107.00	62,370
1969.....	.....	.....	.....	.....	.....	404,180	1.30	524,400	106.00	55,699
1970.....	.....	.....	.....	.....	.....	387,360	1.38	490,550	109.00	53,311
1971.....	.....	.....	.....	.....	.....	386,210	1.37	527,650	107.00	56,676
1972.....	.....	.....	.....	.....	.....	380,670	1.36	516,050	112.00	57,958
1973.....	.....	.....	.....	.....	.....	453,790	1.20	507,650	119.00	60,530
1974.....	.....	.....	.....	.....	.....	421,700	1.38	573,150	126.00	112,166
1975.....	.....	.....	.....	.....	.....	427,650	1.30	570,750	218.00	124,804
1976.....	.....	.....	.....	.....	.....	383,020	1.31	513,200	199.00	101,882
1977 <sup>5</sup> .....	.....	.....	.....	.....	.....	352,180	1.40	491,600	205.00	100,842

<sup>1</sup> Fresh market price and value on f.o.b. basis.<sup>2</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving plant.<sup>3</sup> In the shell.<sup>4</sup> Yield in 1963 in pounds.<sup>5</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 264.

Table 248.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1975-77

State	Area			Production <sup>1</sup>			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.....	10,800	8,000	7,100	22,200	11,150	11,600	184.00	196.00	179.00
Colo.....	340	380	420	550	450	550	242.00	283.00	271.00
Del.....	10,900	9,000	8,700	13,300	11,900	11,950	235.00	206.00	231.00
Idaho.....	13,500	16,500	7,500	15,200	19,650	5,750	238.00	207.00	236.00
Md.....	5,700	6,300	5,400	6,900	8,100	7,650	256.00	219.00	230.00
Minn.....	70,800	72,300	65,600	79,900	82,000	100,400	234.00	191.00	201.00
N.Y.....	6,400	4,100	5,200	8,800	8,850	7,300	218.00	285.00	248.00
Oreg.....	49,100	35,900	27,700	55,000	46,000	23,000	205.00	178.00	188.00
Wash.....	84,600	74,600	70,700	138,200	129,100	108,900	216.00	200.00	201.00
Wis.....	133,100	117,200	107,500	161,200	119,600	146,200	211.00	196.00	204.00
Other States <sup>3</sup>	52,410	48,740	46,360	71,900	79,400	68,400	232.00	211.00	215.00
U.S.....	437,650	393,020	352,190	570,750	513,200	491,600	218.00	199.00	205.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1975—Illinois, Iowa, Maine, Michigan, Montana, New Jersey, Ohio, Pennsylvania, Utah, Virginia, and Wyoming; 1976—Illinois, Iowa, Maine, Michigan, Ohio, Pennsylvania, Utah, and Virginia; 1977—Illinois, Iowa, Maine, Michigan, Ohio, Pennsylvania, Utah, and Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 249.—Peppers, green, commercial crop: Area, yield, production, value per hundred-weight, and total value, United States, 1963-77 <sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	44,110	90	3,985	7.83	31,193	1971.....	48,900	83	4,072	12.30	50,215
1964.....	43,060	90	3,874	9.73	37,710	1972.....	47,750	97	4,651	12.70	59,025
1965.....	45,530	85	3,891	8.82	38,222	1973.....	47,930	99	4,738	13.90	65,739
1966.....	48,470	82	4,024	10.20	41,227	1974.....	48,840	108	5,251	14.60	76,290
1967.....	46,990	93	4,328	10.60	45,992	1975.....	50,480	101	5,106	15.90	84,892
1968.....	51,620	95	4,916	10.50	51,538	1976.....	53,750	98	5,255	16.80	88,248
1969.....	51,000	85	4,361	12.10	52,721	1977 <sup>4</sup> .....	55,600	97	5,393	16.70	90,313
1970.....	47,660	81	3,872	11.70	45,278						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Excludes the following quantities not marketed (1,000 hundredweight): 17 in 1964, 96 in 1965, and 82 in 1966.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 266.

## FOOTNOTES FOR TABLE 251

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967 and 1,369,000 cwt. in 1971. Prior to 1967, includes the following quantities unharvested and/or not marketed which were excluded in computing price and value (1,000 hundredweight): 333 in 1963 and 310 in 1965.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, table 268.

Table 250.—Peppers, green, commercial crop: Area, production, and value per hundred-weight, by States, 1975-77<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
Winter:									
Fla.....	Acres 5,300	Acres 5,300	Acres 4,800	1,000 cwt. 716	1,000 cwt. 572	1,000 cwt. 264	Dollars per cwt. 22.90	Dollars per cwt. 24.50	Dollars per cwt. 29.10
Total.....	5,300	5,300	4,800	716	572	264	22.90	24.50	29.10
Spring:									
Calif.....	500	800	400	63	108	72	30.60	17.30	22.00
Fla.....	6,900	7,300	7,800	825	876	975	17.70	20.50	21.20
La.....	1,400	1,400	1,300	63	77	59	20.60	14.70	14.30
Tex.....	2,000	2,800	2,000	142	210	160	25.70	18.10	15.80
Total.....	10,500	12,100	11,500	1,093	1,271	1,266	19.70	19.50	20.20
Summer:									
Calif.....	4,000	3,900	3,700	680	800	777	11.60	10.60	12.20
Ky.....		1,700	3,000		170	228		7.97	6.52
Mass.....	480			48			15.80		
Mich.....	2,000	1,500	1,400	150	105	105	12.40	17.10	17.50
N.J.....	5,800	6,300	7,100	448	410	482	12.90	12.60	17.40
N.C.....	8,000	7,900	7,000	280	284	239	16.30	13.60	12.10
Ohio.....	800	850	900	96	77	90	15.80	15.20	19.30
Tex.....	1,500	1,900	1,700	99	112	138	18.00	16.30	18.00
Total.....	22,380	24,050	24,800	1,799	1,858	2,068	13.40	12.10	13.70
Fall:									
Calif.....	4,500	4,000	3,700	765	690	666	11.40	13.90	11.90
Fla.....	3,400	4,200	5,200	337	441	624	20.60	22.00	19.80
N.J.....	1,000	900	1,100	70	59	77	11.80	11.70	13.80
Tex.....	3,400	3,300	4,500	308	294	428	19.80	21.30	17.00
Total.....	12,300	12,400	14,500	1,480	1,484	1,795	15.30	17.80	15.90
U.S.....	50,480	53,780	55,600	5,108	5,255	5,393	16.60	16.80	16.70

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates were started for Kentucky in 1976 and discontinued for Massachusetts in 1976.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 251.—Potatoes: Area, yield, production, and value, United States, 1963-77

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	1,000 acres	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	1,337	1,323	205	271,158	1.78	482,554
1964.....	1,311.3	1,271.9	190	241,076	3.50	846,017
1965.....	1,418.4	1,383.1	210	291,109	2.53	730,627
1966.....	1,497.6	1,462.6	210	307,242	2.94	922,581
1967.....	1,499.1	1,459.9	209	305,766	1.87	567,557
1968.....	1,414.5	1,383.3	214	295,401	2.23	657,202
1969.....	1,457.6	1,415.5	221	312,578	2.24	697,845
1970.....	1,449.5	1,421.0	229	325,716	2.21	715,123
1971.....	1,432.1	1,391.0	230	319,329	1.90	602,907
1972.....	1,301.1	1,255.6	236	296,359	3.02	895,903
1973.....	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974.....	1,421.6	1,391.6	246	342,365	4.01	1,384,928
1975.....	1,303.6	1,264.0	253	322,254	4.48	1,444,908
1976.....	1,407.3	1,374.5	260	357,674	3.59	1,282,856
1977.....	1,385.7	1,349.0	261	352,010	3.64	1,275,261

See footnotes on page 176.

Table 252.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1975-77

Season and State	Area harvested			Production			Price for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976 <sup>1</sup>	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Calif.	4.0	5.2	4.8	1,084	1,144	1,058	5.55	5.80	5.97
Fla.	9.4	9.2	8.9	1,833	1,840	1,802	5.23	10.37	10.80
Total	14.3	14.4	13.4	2,887	2,984	2,860	5.34	8.70	8.93
Spring:									
Ala.	10.6	11.5	10.5	1,378	1,610	1,260	8.45	9.30	9.90
Ariz.	6.2	6.8	6.5	1,519	1,836	1,755	6.00	6.06	6.12
Calif.	27.9	34.2	30.8	10,438	13,500	11,858	6.35	4.50	6.01
Fla.	16.2	19.3	19.5	3,150	4,033	4,290	4.32	4.95	5.23
Hastings	1.9	2.5	1.7	352	400	315	4.54	6.97	8.62
Other	2.6	2.6	2.3	182	195	173	4.50	4.50	5.30
La.	1.6	1.4	1.3	135	133	117	6.50	4.50	8.80
Miss.	12.0	13.0	13.4	1,920	1,885	2,211	8.80	5.36	6.37
N.C.	5.5	7.1	5.4	825	1,101	891	5.81	9.31	12.20
Tex.	84.1	98.4	91.4	10,958	24,722	22,870	6.13	5.31	6.31
Summer:									
Ala.	9.0	8.2	7.5	1,350	1,189	750	8.20	5.78	8.05
Calif.	8.4	8.1	8.4	3,108	2,915	3,024	5.50	4.10	5.43
Colo.	7.2	7.5	6.9	1,972	1,989	1,794	3.20	3.22	3.55
Del.	6.0	5.8	5.3	1,050	1,150	1,113	5.80	4.83	4.22
Ill.	3.8	2.8	2.3	532	532	480	4.10	3.40	3.00
Ind.	1.7	2.1	2.1	306	389	368	6.75	4.00	4.00
Iowa	2.7	2.5	2.1	540	483	473	4.90	3.80	3.55
Md.	1.8	1.8	1.6	306	306	240	5.90	4.95	4.30
Mich.	7.4	7.6	7.8	1,406	1,292	1,443	5.35	3.98	4.10
Minn.	8.1	8.9	7.5	2,106	2,000	2,083	4.85	5.14	3.01
Nebr.	2.5	2.1	4.0	352	315	315	3.80	3.35	4.10
N.J.	7.0	7.6	8.1	1,385	1,975	2,147	5.95	4.47	4.13
N. Mex.	3.5	3.2	2.9	700	576	551	2.70	3.10	3.50
N.C.	4.0	4.0	4.0	480	500	500	6.40	5.36	6.37
Ohio	2.0	1.9	1.8	340	399	342	5.50	4.48	4.89
Tenn.	5.0	4.7	4.5	425	447	405	7.50	7.70	7.75
Tex.	8.6	9.6	9.6	2,150	2,352	2,448	7.90	9.31	6.53
Va.	25.0	25.5	27.7	2,400	3,506	3,483	6.20	4.73	6.07
W. Va.	2.8	2.6	2.4	302	199	154	7.05	5.70	5.79
Total	115.5	118.7	114.6	21,018	22,541	22,053	5.68	4.37	4.78
Fall:									
Calif.	19.0	18.5	17.0	6,365	6,475	5,850	5.80	4.55	5.20
Colo.	32.5	36.3	36.5	8,613	9,257	9,490	3.95	2.55	2.80
Conn.	2.4	1.9	1.9	552	494	486	6.00	5.80	5.40
Idaho:									
10 S.W. counties	33.0	35.0	30.0	10,540	11,375	9,000	* 3.75	* 2.95	* 2.85
Other counties	289.0	328.0	330.0	67,915	77,080	79,200			
Ind.	6.0	6.0	4.7	1,440	1,530	1,128	6.25	3.90	4.75
Maine	122.0	112.0	118.0	26,840	27,440	28,320	6.05	4.95	4.50
Mass.	3.9	3.5	3.7	500	770	888	5.00	5.80	5.40
Mich.	29.0	34.0	32.0	6,670	8,330	8,800	5.80	4.20	4.50
Minn.	57.0	67.0	72.0	9,980	11,055	12,900	4.30	5.25	2.70
Mont.	7.6	8.4	8.4	1,745	1,806	2,019	6.80	4.50	4.50
Nebr.	5.0	4.9	6.0	1,225	1,274	1,380	4.70	3.93	3.45
Nev.	12.5	14.0	15.0	4,125	5,320	5,250	3.15	2.35	2.80
N.H.	.4	.4	.3	92	104	71	7.00	6.50	6.10
N.Y.:									
Long Island	23.3	23.9	22.8	6,058	7,469	6,726	5.90	4.10	3.60
Upstate	24.0	24.9	20.6	5,126	6,101	5,356	6.95	5.75	5.25
N. Dak.	110.0	121.0	130.0	17,800	16,940	20,800	4.30	5.48	2.80
Ohio:									
11 S.W. counties	11.5	11.5	11.2	2,645	2,933	2,744	5.65	4.40	4.25
Oreg.:									
Malheur County	10.2	11.0	8.4	3,570	4,070	3,024	2.55	2.75	2.85
Other counties	45.3	54.6	50.0	20,838	24,843	22,759	3.30	2.70	2.70
Pa.	29.0	28.0	25.5	6,815	7,140	6,375	5.75	5.00	4.90
R.I.	4.2	4.2	4.1	987	1,050	943	4.50	3.90	3.60
S. Dak.	5.2	4.4	5.9	895	285	1,052	3.40	3.20	3.05
Utah	5.8	5.2	5.4	1,808	1,246	1,296	3.70	3.10	3.13
Vt.	1.0	1.1	1.0	235	229	225	6.50	6.20	5.80
Wash.	105.0	124.0	107.0	48,300	55,800	48,685	3.15	2.50	2.85
Wis.	49.5	53.0	55.5	14,850	15,370	18,038	5.40	3.95	3.90
Wyo.	6.8	6.3	6.7	1,632	1,701	1,474	3.70	3.45	3.00
Total	1,050.1	1,143.0	1,129.6	278,301	307,427	304,427	4.25	3.33	3.28
U.S.	1,264.0	1,374.5	1,349.0	322,254	357,674	352,010	4.48	3.59	3.64

See footnotes on page 181.



Table 253.—Fall potatoes: Production and total stocks held by growers and local dealers, 25 States,<sup>1</sup> 1965-77

Crop year	Production	Total stocks <sup>2</sup>				
		Dec. 1	Following year			
			Jan. 1	Feb. 1	Mar. 1	Apr. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1965.....	216,749	147,780	124,170	98,670	74,908	.....
1966.....	228,442	153,580	128,050	103,630	79,532	.....
1967.....	243,849	181,500	139,170	112,640	86,485	.....
1968.....	234,832	182,810	130,350	104,995	81,940	.....
1969.....	252,561	182,800	138,140	111,510	87,620	.....
1970.....	267,827	178,145	150,030	123,230	96,780	.....
1971 <sup>3</sup> .....	268,707	176,390	151,435	124,375	98,485	.....
1972.....	249,330	188,945	134,420	107,310	83,380	55,250
1973.....	254,379	187,837	135,665	106,615	81,165	55,570
1974.....	289,342	187,935	165,965	135,425	104,115	75,505
1975.....	278,391	185,965	159,140	131,685	104,050	71,840
1976.....	307,427	201,980	174,775	143,925	114,140	81,875
1977.....	304,427	207,030	178,215	149,305	121,275	88,965

<sup>1</sup> Nevada production included beginning with the 1974 crop; Nevada stocks not included to avoid disclosures.

<sup>2</sup> See table 254 for States included.

<sup>3</sup> Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

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Table 254.—Fall potatoes: Total stocks held by growers and local dealers, 24 States, crop of 1976 and 1977<sup>1</sup>

State	Crop of 1976					Crop of 1977 <sup>2</sup>				
	Dec. 1, 1976	Jan. 1, 1977	Feb. 1, 1977	Mar. 1, 1977	Apr. 1, 1977	Dec. 1, 1977	Jan. 1, 1978	Feb. 1, 1978	Mar. 1, 1978	Apr. 1, 1978
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif.....	4,200	3,300	2,500	1,800	1,200	4,300	3,500	2,600	2,050	1,300
Colo.....	6,700	5,500	4,200	3,300	2,100	6,700	5,560	4,350	3,250	2,150
Conn.....	230	210	75	( <sup>3</sup> )	( <sup>3</sup> )	265	175	100	( <sup>3</sup> )	( <sup>3</sup> )
Idaho.....	67,500	60,500	53,000	45,000	35,500	67,500	60,500	53,500	46,500	37,500
Ind.....	210	150	90	70	70	185	115	75	65	60
Maine.....	20,600	17,900	14,600	11,800	8,400	23,300	20,800	18,100	15,200	11,000
Mass.....	325	225	160	105	( <sup>3</sup> )	355	265	160	105	( <sup>3</sup> )
Mich.....	5,200	4,300	3,300	2,300	1,500	5,600	4,100	3,400	2,500	1,500
Minn.....	9,000	7,400	5,700	4,000	2,100	10,100	8,600	7,400	5,700	3,900
Mont.....	1,700	1,670	1,540	1,600	1,100	1,810	1,760	1,730	1,610	1,050
Nehr.....	980	880	690	+60	250	1,050	830	680	550	280
N.H.....	75	80	50	( <sup>3</sup> )	( <sup>3</sup> )	55	50	30	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.:.....										
Long Island.....	3,200	2,300	1,400	670	230	3,000	2,100	1,300	600	200
Upstate.....	3,300	2,400	1,700	1,200	750	3,000	2,200	1,700	1,200	650
N. Dak.....	11,500	9,400	7,300	5,100	2,800	16,000	13,800	11,200	8,800	6,100
Ohio.....	1,200	800	500	300	150	1,050	650	480	290	140
Oreg.....	17,700	18,000	13,300	10,500	7,500	15,700	14,100	12,500	10,800	8,400
Pa.....	4,750	3,900	2,900	1,900	1,150	4,800	3,400	2,400	1,600	1,070
R.I.....	85	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	210	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
S. Dak.....	165	120	105	65	40	800	705	375	305	155
Utah.....	950	790	600	400	180	1,025	775	525	310	130
Vt.....	150	130	75	( <sup>3</sup> )	( <sup>3</sup> )	165	130	100	( <sup>3</sup> )	( <sup>3</sup> )
Wash.....	33,200	29,700	25,000	20,100	15,200	28,700	24,900	20,800	15,900	11,300
Wis.....	7,900	6,200	4,300	2,800	1,400	10,500	8,500	5,500	3,800	2,200
Wyo.....	1,260	960	740	550	370	1,060	710	400	210	80
Other States.....	.....	.....	.....	.....	.....	85	.....	.....	130	100
24 State Total.....	201,980	174,775	143,925	114,140	81,875	207,030	178,215	149,305	121,275	88,965

<sup>1</sup> Nevada not included to avoid disclosure.

<sup>2</sup> Preliminary.

<sup>3</sup> Stocks included in "Other States" total.

<sup>4</sup> Rhode Island stocks included in Connecticut.

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Table 255.—Potatoes: Area, yield, and production in specified countries, 1975-77<sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	106	106	112	20.0	22.1	22.2	2,116	2,340	2,488
Mexico.....	87	86	82	12.2	12.3	12.8	693	687	653
United States.....	511	556	547	28.4	29.2	29.1	14,568	16,210	15,898
<b>Total.....</b>	<b>674</b>	<b>718</b>	<b>711</b>	<b>25.7</b>	<b>26.8</b>	<b>26.8</b>	<b>17,317</b>	<b>19,237</b>	<b>19,036</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	37	47	50	35.1	18.7	30.4	1,300	879	1,519
Denmark.....	31	35	36	21.5	16.5	25.0	666	576	900
France.....	288	279	298	23.8	15.8	37.6	6,865	4,382	5,190
Germany, Fed. Rep. of.....	415	415	410	26.2	23.5	27.7	10,833	9,808	11,330
Ireland.....	41	47	52	24.8	25.1	26.5	1,018	1,178	1,380
Italy.....	179	173	192	16.2	17.0	16.9	2,900	2,937	3,250
Netherlands.....	151	161	170	33.1	29.7	32.2	5,004	4,783	5,480
United Kingdom.....	204	221	228	22.3	21.7	27.9	4,551	4,900	6,350
<b>Total EC.....</b>	<b>1,346</b>	<b>1,378</b>	<b>1,436</b>	<b>24.6</b>	<b>21.3</b>	<b>26.8</b>	<b>33,157</b>	<b>29,323</b>	<b>36,419</b>
Austria.....	69	73	60	22.9	23.9	22.8	1,579	1,746	1,365
Cyprus.....	5	8	8	19.0	21.0	23.4	95	168	190
Finland.....	48	53	46	14.2	17.9	18.6	680	948	855
Greece.....	54	57	59	16.1	16.4	15.9	868	933	936
Norway.....	25	29	28	16.9	18.6	22.2	423	521	621
Portugal.....	107	116	125	9.5	7.9	9.2	1,013	918	1,144
Spain.....	385	373	381	13.9	15.1	14.9	5,338	5,633	5,680
Sweden.....	48	46	45	17.4	23.0	27.6	837	1,088	1,324
Switzerland.....	24	24	23	40.2	35.4	37.8	966	874	870
<b>Total Western Europe.....</b>	<b>765</b>	<b>778</b>	<b>778</b>	<b>15.4</b>	<b>16.5</b>	<b>16.7</b>	<b>11,799</b>	<b>12,790</b>	<b>12,985</b>
Bulgaria.....	30	29	30	10.6	12.1	11.7	318	351	350
Czechoslovakia.....	251	240	250	14.2	17.6	16.8	3,565	4,214	4,200
German Dem. Rep.....	574	569	563	13.4	11.4	16.0	7,673	6,516	9,000
Hungary.....	100	90	99	12.7	12.1	12.1	1,268	1,087	1,200
Poland.....	2,581	2,486	2,437	18.0	20.3	17.2	46,429	49,951	45,000
Romania.....	280	248	254	9.4	19.3	12.6	2,716	4,788	3,200
Yugoslavia.....	314	308	314	7.6	9.2	9.1	2,394	2,828	2,854
<b>Total Eastern Europe.....</b>	<b>4,139</b>	<b>3,980</b>	<b>3,947</b>	<b>15.6</b>	<b>17.6</b>	<b>15.9</b>	<b>64,363</b>	<b>70,035</b>	<b>62,804</b>
<b>Total Europe.....</b>	<b>6,250</b>	<b>6,136</b>	<b>6,161</b>	<b>17.5</b>	<b>18.3</b>	<b>18.5</b>	<b>109,310</b>	<b>112,157</b>	<b>114,208</b>
<b>Soviet Union.....</b>	<b>7,912</b>	<b>7,087</b>	<b>7,080</b>	<b>11.2</b>	<b>12.0</b>	<b>11.8</b>	<b>88,703</b>	<b>85,102</b>	<b>83,400</b>
<b>South America:</b>									
Argentina.....	112	110	115	11.9	13.9	15.4	1,349	1,528	1,789
Bolivia.....	128	128	126	6.5	6.4	5.4	834	824	679
Brazil.....	197	189	193	8.5	9.6	9.8	1,669	1,816	1,896
Chile.....	72	68	86	10.2	7.7	9.9	738	521	850
Colombia.....	90	121	128	10.6	11.6	12.5	950	1,400	1,600
Ecuador.....	39	50	50	12.8	12.6	12.8	499	630	630
Peru.....	263	270	270	6.4	6.5	6.5	1,700	1,750	1,750
Uruguay.....	26	26	26	4.7	6.4	5.0	121	166	130
Venezuela.....	14	14	18	10.9	9.6	11.9	152	133	190
<b>Total.....</b>	<b>944</b>	<b>976</b>	<b>1,010</b>	<b>8.5</b>	<b>9.0</b>	<b>9.4</b>	<b>8,012</b>	<b>8,770</b>	<b>9,494</b>
<b>North Africa:</b>									
Algeria.....	57	57	57	4.1	7.0	6.1	232	400	350
Egypt.....	41	54	55	17.6	18.5	17.5	720	863	960
Morocco.....	20	20	20	13.8	11.7	11.8	278	234	230
<b>Total.....</b>	<b>118</b>	<b>131</b>	<b>132</b>	<b>10.4</b>	<b>11.7</b>	<b>11.7</b>	<b>1,237</b>	<b>1,527</b>	<b>1,540</b>
<b>Asia:</b>									
India.....	587	622	634	10.6	11.7	11.5	6,225	7,306	7,287
Israel.....	37	34	35	4.4	5.1	5.3	163	175	185
Japan.....	139	138	132	23.5	27.1	24.2	3,261	3,742	3,163
<b>Total.....</b>	<b>763</b>	<b>794</b>	<b>801</b>	<b>12.6</b>	<b>14.1</b>	<b>13.3</b>	<b>9,649</b>	<b>11,223</b>	<b>10,665</b>
<b>Oceania:</b>									
Australia.....	34	34	37	21.8	20.5	21.1	742	696	780
<b>Grand total.....</b>	<b>16,695</b>	<b>15,876</b>	<b>15,932</b>	<b>14.1</b>	<b>15.0</b>	<b>15.0</b>	<b>234,906</b>	<b>238,712</b>	<b>239,123</b>

See footnotes on page 181.

Table 256.—Potatoes: Production, seed used, and disposition, United States, 1969-75

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969.....	312,578	24,492	9,959	22,657	279,982
1970.....	325,716	24,555	9,957	23,580	291,909
1971.....	319,329	22,290	8,927	27,909	282,493
1972.....	296,359	23,556	7,913	19,996	268,450
1973.....	300,013	25,257	6,516	18,376	275,121
1974.....	342,395	23,855	6,322	22,496	303,877
1975.....	322,254	25,643	6,612	22,181	293,461

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-68 in *Agricultural Statistics, 1977*, table 271.

Table 257.—Potatoes: Utilization, United States, crop years 1969-75

Item	1969	1970	1971	1972	1973	1974	1975
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>SALES</b>							
Table stock.....	127,586	129,480	120,261	111,717	107,580	128,634	114,338
For processing:							
Chips and shoestring.....	35,450	35,961	35,378	34,578	34,485	32,777	34,107
Dehydration.....	25,483	26,053	27,021	27,450	31,407	34,660	33,821
Frozen french fries.....	44,654	54,478	54,667	56,126	60,349	66,206	70,641
Other frozen products.....	6,899	7,281	8,884	7,901	9,564	9,218	9,334
Canned potatoes.....	2,066	2,267	2,556	2,118	2,664	2,561	1,945
Other canned products (hash, stews, soups).....	1,750	1,870	2,014	2,183	2,544	2,052	2,075
Starch and flour.....	8,801	8,564	7,792	3,363	2,731	3,683	2,182
<b>Total.....</b>	<b>125,112</b>	<b>136,574</b>	<b>138,310</b>	<b>133,719</b>	<b>143,744</b>	<b>154,157</b>	<b>154,106</b>
Other sales:							
Livestock feed.....	9,620	8,301	7,184	5,025	3,707	4,154	4,300
Seed.....	17,644	17,554	16,748	17,989	20,120	19,442	20,697
<b>Total.....</b>	<b>27,264</b>	<b>25,855</b>	<b>23,932</b>	<b>23,014</b>	<b>23,837</b>	<b>23,596</b>	<b>24,997</b>
<b>Total sales.....</b>	<b>279,963</b>	<b>291,909</b>	<b>282,493</b>	<b>268,450</b>	<b>275,121</b>	<b>303,877</b>	<b>293,461</b>
<b>NON-SALES</b>							
Seed used on farms where grown.....	6,948	7,001	5,542	5,567	5,137	4,413	4,946
Household use.....	1,544	1,395	1,335	1,252	925	864	829
Feed.....	1,567	1,561	2,050	1,094	454	1,245	837
Shrinkage and loss.....	22,657	23,550	27,909	19,996	18,376	32,496	22,181
<b>Total non-sales.....</b>	<b>32,616</b>	<b>33,507</b>	<b>36,836</b>	<b>27,909</b>	<b>24,892</b>	<b>39,018</b>	<b>28,793</b>
<b>Total production.....</b>	<b>312,578</b>	<b>325,716</b>	<b>319,329</b>	<b>296,359</b>	<b>300,013</b>	<b>342,395</b>	<b>322,254</b>

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 252

<sup>1</sup> Preliminary.

<sup>2</sup> Season average price for all areas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 255

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Excluding home gardens.

<sup>4</sup> Estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 258.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1975

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
Calif.	1,084	88		53	1,001
Fla.	1,833	273		13	1,820
Total	2,917	361		66	2,821
Spring:					
Ala.	1,378	173	1	21	1,356
Ariz.	1,619	102	4	30	1,485
Calif.	10,488	592	1	210	10,277
Fla.					
Hastings	3,180	300	2	13	3,144
Other	352	60	1	3	348
La.	182	23	8	9	165
Miss.	135	14	20	3	108
N.C.	1,920	177	61	56	1,801
Tex.	825	90	20	12	784
Total	19,958	1,621	133	359	19,495
Summer:					
Ala.	1,350	115	18	54	1,278
Calif.	3,108	187	16	62	3,030
Colo.	1,872	144	9	113	1,750
Del.	1,050	90	4	47	999
Ill.	532	45	14	17	501
Ind.	306	22	7	13	286
Iowa	540	36	24	27	489
Md.	306	25	7	9	290
Mich.	1,466	184	96	45	1,365
Minn.	2,106	130	10	83	2,043
Nebr.	400	25	17	32	351
N.J.	1,355	144	7	55	1,303
N. Mex.	700	51	6	42	652
N.C.	480	48	90	16	354
Ohio	340	32	7	10	323
Tenn.	425	32	44	15	366
Tex.	2,150	127	4	75	2,071
Va.	2,400	363	120	84	2,195
W. Va.	202	30	128	9	65
Total	21,018	1,793	628	778	19,612
Fall:					
Calif.	6,385	370	64	477	5,824
Colo.	5,613	759	543	763	7,307
Conn.	532	40	6	67	479
Idaho	78,475	7,030	1,247	6,670	70,558
Ind.	1,440	126	10	72	1,358
Iowa	26,540	2,665	1,499	2,174	23,167
Maine	800	63	32	90	678
Mich.	6,670	634	200	534	5,936
Minn.	9,690	994	251	631	8,908
Mont.	1,748	136	140	131	1,477
Nebr.	1,225	85	62	154	1,009
Nev.	4,125	280		485	3,630
N.H.	92	7	5	5	82
N.Y.					
Long Island	6,068	456	12	412	5,634
Upstate	6,120	629	191	459	5,470
N. Dak.	17,000	1,798	528	1,672	15,400
Ohio	2,645	216	28	241	2,376
Oreg.					
Malheur County	3,570	200	4	357	3,209
Other counties	20,538	1,098	64	1,146	19,628
Pa.	6,815	522	204	569	6,105
R.I.	987	76	10	23	952
S. Dak.	598	76	16	18	564
Utah	1,508	117	28	181	1,299
Vt.	235	21	9	17	209
Wash.	48,300	2,406	290	2,771	45,239
Wis.	14,850	930	328	750	13,772
Wyo.	1,632	133	80	160	1,392
Total	278,391	21,868	5,551	20,978	251,542
U.S.	322,354	25,643	6,612	22,181	293,461

Economies, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 259.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1974-76

Item and country	Year beginning October			Item and country	Year beginning October		
	1974	1975	1976		1974	1975	1976
<b>EXPORTS</b>				<b>EXPORTS—continued</b>			
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean—</b>			
Belgium and Luxembourg.....		27,496	26,459	continued			
Cyprus.....		924		Leeward and Windward			
France.....		3,323	141,921	Islands.....	126	199	457
Germany, Fed. Rep. of.....		19,316	4,019	Netherlands Antilles.....	247	741	1,994
Italy.....		11,413	10,569	Trinidad and Tobago.....		5,562	5,033
Malta-Gozo.....			600	Other countries.....	17		3
Netherlands.....		33,965	27,064				
Norway.....		7,841		<b>Total.....</b>	<b>3,838</b>	<b>11,777</b>	<b>14,755</b>
Portugal.....		39,122	4,696				
Sweden.....	111	45,387	1,444	<b>Other countries:</b>			
United Kingdom.....		749	401	Algeria.....			22,124
Other countries.....			79	Australia.....	825	52	
<b>Total.....</b>	<b>111</b>	<b>186,836</b>	<b>217,282</b>	Canada.....	164,725	242,463	193,234
				Egypt.....			3,207
<b>Latin America:</b>				French Pacific Islands.....		66	112
Argentina.....	735			Guinea.....	59	98	101
Chile.....		21,800		Hong Kong.....	393	801	589
Mexico.....	9,189	10,687	11,018	Japan.....	335	1	
Nicaragua.....	91	91	91	Other Pacific Islands.....	225	98	
Panama.....	213	1,626	151	Saudi Arabia.....	69	166	78
Surinam.....		280	306	Singapore.....	190	293	571
Uruguay.....			3,458	Tunisia.....			1,070
Other countries.....	11	37	28	Other countries.....	88	303	505
<b>Total.....</b>	<b>10,239</b>	<b>34,821</b>	<b>14,082</b>	<b>Total.....</b>	<b>166,579</b>	<b>244,341</b>	<b>221,689</b>
				<b>Grand total.....</b>	<b>180,767</b>	<b>479,175</b>	<b>467,748</b>
<b>Bermuda and Caribbean:</b>				<b>IMPORTS</b>			
Bahamas.....	2,368	2,394	2,364	Certified seed:			
Barbados.....	339	1,237	1,546	Canada.....	22,492	18,675	11,682
Bermuda.....	453	439	647	Other potatoes:			
Cayman Islands.....		163	226	Canada.....	45,212	9,867	24,941
Dominican Republic.....	55	611	1,498				
French West Indies.....	53	374	977				
Jamaica.....	182	117	20				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 260.—Potatoes: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports	Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports	Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1963.....	1,490	1,899	1968.....	2,536	2,569	1973.....	1,874	4,975
1964.....	3,482	1,617	1969.....	1,846	2,971	1974.....	1,453	4,545
1965.....	1,129	2,855	1970.....	1,230	2,928	1975.....	691	9,317
1966.....	2,743	2,247	1971.....	1,098	3,241	1976 <sup>1</sup> .....	412	10,564
1967.....	1,283	3,592	1972.....	759	4,430			

<sup>1</sup> Year beginning October for 1976.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1972*, table 268. Compiled from reports of the U. S. Department of Commerce.

Table 261.—Spinach, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilisation, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR FRESH MARKET <sup>2</sup></b>									
Winter:				1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Calif.....	550	650	800	91	107	132	10.80	13.00	14.30
Tex.....	2,100	1,800	2,300	126	119	128	19.40	21.10	21.70
Total.....	2,650	2,450	3,000	217	226	260	15.80	17.30	17.90
Spring:									
Calif.....	500	650	700	80	94	112	13.20	11.70	10.80
Md. and Va.....	1,450	1,720	1,850	60	81	73	17.30	17.30	20.30
N.J.....	590	590	560	38	41	41	13.00	15.40	17.70
Total.....	2,540	2,960	3,140	178	196	226	14.50	14.20	15.10
Summer:									
Calif.....	400	400	600	58	58	87	14.60	17.60	15.90
Calo.....	650	560	560	37	69	60	23.10	22.60	22.70
Total.....	1,050	1,260	1,460	95	127	147	17.50	20.30	18.70
Fall:									
Calif.....	450	450	600	70	68	90	12.80	19.20	13.60
N.J.....	300	340	420	21	27	27	25.20	24.60	31.50
Tex.....	2,000	1,500	1,100	48	41	31	25.00	24.20	20.00
Total.....	2,750	2,290	2,120	139	136	148	18.90	21.80	17.60
U.S.....	8,990	8,960	9,720	629	685	781	16.40	17.80	17.20
<b>FOR PROCESSING</b>									
Winter:				Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Calif.....	8,400	9,700	9,000	35,100	35,650	31,900	56.20	56.90	63.90
Other States <sup>3</sup> .....	8,100	6,300	4,000	39,650	31,900	30,450	75.30	82.60	78.00
Total.....	16,500	16,000	13,000	124,750	127,550	112,350	62.30	63.30	66.50
Spring:									
Ark.....	1,400	1,300	2,100	6,000	6,700	9,800	80.90	80.30	80.70
Okla.....	1,300	1,700	1,800	5,500	6,950	8,100	80.00	80.00	80.00
Other States <sup>4</sup> .....	1,670	1,440	2,280	9,950	11,850	14,550	66.80	66.40	69.60
Total.....	4,370	4,440	6,180	22,050	25,500	32,450	74.30	73.60	75.60
Fall:									
Ark.....	550	350	240	2,400	1,650	1,100	90.00	90.30	90.00
Okla.....	280	300	180	1,400	1,400	750	80.00	90.00	90.70
Other States <sup>4</sup> .....	1,640	1,080	1,020	8,650	5,000	7,050	63.40	67.60	72.80
Total.....	2,470	1,730	1,440	12,450	8,050	8,900	70.40	76.10	76.40
U.S.....	23,340	22,170	20,800	159,250	161,100	153,700	64.60	65.60	69.00
Grand total.....	32,330	31,130	30,320	190,700	195,350	192,750	106.00	117.00	125.00

<sup>1</sup> Preliminary.<sup>2</sup> Includes small quantities used for processing except in States for which processing estimates are made separately.<sup>3</sup> Florida and Texas.<sup>4</sup> Idaho, Maryland, New Jersey, New York, Oregon, Tennessee, Virginia, Washington, and Wisconsin.<sup>5</sup> California, Mississippi, New Jersey, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 264

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 262.—Spinach, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market <sup>1</sup>				For processing					
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1963.....	19,200	58	1,109	7.39	8,190	27,210	5.7	155,790	37.40	5,827
1964.....	18,110	58	1,057	7.43	7,845	25,290	5.81	148,890	38.30	5,630
1965.....	16,950	58	989	8.01	7,917	21,400	5.82	124,600	39.90	4,972
1966.....	16,500	52	863	9.12	7,870	24,820	5.88	145,870	41.40	6,035
1967.....	15,900	55	882	9.81	8,651	26,990	5.80	156,990	40.50	6,337
1968.....	13,350	59	786	10.40	8,217	26,240	6.08	153,430	41.50	6,378
1969.....	11,360	53	606	10.90	6,563	22,960	5.90	135,750	42.50	5,773
1970.....	11,700	53	611	11.40	6,946	25,100	6.02	151,050	42.60	6,459
1971.....	11,450	55	633	13.60	8,611	25,440	6.29	160,090	43.30	6,930
1972.....	10,080	50	594	14.80	8,789	26,760	6.13	164,190	44.90	7,363
1973.....	10,680	50	628	14.50	9,072	26,940	6.33	170,450	49.90	8,507
1974.....	9,690	63	607	15.00	9,076	25,050	6.90	174,300	56.80	9,897
1975.....	8,990	70	629	16.40	10,305	23,340	6.82	169,280	64.60	10,285
1976.....	8,960	78	655	17.80	12,224	22,170	7.27	161,100	65.00	10,569
1977 <sup>5</sup> .....	9,720	80	781	17.20	13,468	20,000	7.46	153,700	69.00	10,600

<sup>1</sup> Includes small quantities used for processing except in the States for which processing estimates are made. <sup>2</sup> Excludes 2,000 cwt. for fresh market and 600 tons for processing in 1965 and 10,000 cwt. for fresh market in 1974 which were not marketed.

<sup>3</sup> Fresh market price and value on f.o.b. basis. <sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point. <sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 277.

Table 263.—Sweetpotatoes: Area, yield, production, season average price per hundred-weight received by farmers, and value, United States, 1963-77

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	170.8	84	14,356	4.08	57,835	1971.....	112.8	102	11,494	8.22	90,127
1964.....	151.2	86	12,969	5.96	65,980	1972.....	113.2	107	12,170	8.73	99,909
1965.....	168.1	92	15,469	4.22	65,472	1973.....	111.6	109	12,156	7.32	89,163
1966.....	154.4	89	13,669	4.56	62,554	1974.....	118.1	113	13,330	7.34	98,228
1967.....	139.5	97	13,496	4.48	60,412	1975.....	116.9	113	13,225	8.58	113,394
1968.....	135.2	90	13,378	4.89	65,562	1976.....	117.8	114	13,432	7.48	100,059
1969.....	136.4	103	14,070	4.18	59,346	1977 <sup>2</sup> .....	112.9	111	12,516	9.55	119,280
1970.....	127.3	103	13,164	4.38	57,769						

<sup>1</sup> Obtained by weighting State prices by quantity sold. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 278.

Table 264.—Taro: Area, yield, production, price, and value, Hawaii, 1963-77

Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1963.....	480	20.1	9,640	0.080	574	1971.....	480	18.4	8,840	0.089	787
1964.....	470	19.7	9,275	.061	564	1972.....	460	19.6	9,020	.084	758
1965.....	440	21.5	9,480	.080	573	1973.....	460	18.4	8,478	.094	798
1966.....	400	22.5	8,990	.062	561	1974.....	460	19.2	8,835	.102	900
1967.....	400	20.4	8,155	.071	579	1975.....	460	18.5	7,562	.112	851
1968.....	420	21.8	9,140	.074	676	1976.....	460	16.0	7,350	.121	889
1969.....	420	20.5	8,605	.078	671	1977 <sup>2</sup> .....	470	16.7	7,870	.127	999
1970.....	470	18.2	8,553	.088	736						

See footnotes on page 184.



Table 265.—Sweetpotatoes: Area, production, and season average price per hundred-weight received by farmers, by States, 1975-77

State	Area harvested			Production			Price for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Ala.....	5.8	5.5	5.3	522	495	451	11.30	11.50	12.40
Ark.....	1.5	1.5	1.6	120	117	122	8.90	9.80	11.30
Calif.....	7.3	7.6	7.8	1,022	1,178	1,170	12.00	12.10	13.00
Ga.....	6.0	5.9	6.0	750	708	660	12.40	10.40	13.50
La.....	30.0	29.0	27.0	2,550	2,785	2,430	5.25	4.48	7.50
Md.....	1.8	1.6	1.6	306	248	248	9.15	8.34	9.50
Miss.....	9.5	9.0	8.0	903	810	640	9.30	10.60	9.00
N.J.....	2.2	2.3	2.4	242	265	232	12.50	10.90	13.80
N.C.....	31.0	32.0	33.0	4,185	4,390	4,455	7.25	5.40	8.00
S.C.....	2.3	2.5	2.3	300	215	305	10.70	11.20	12.40
Tenn.....	3.0	2.9	2.8	300	305	280	8.55	8.65	9.30
Tex.....	10.0	10.5	9.5	1,150	1,103	903	12.70	10.20	13.00
Va.....	6.5	6.5	5.5	975	943	700	7.85	6.40	8.35
U.S.....	116.9	117.8	112.9	13,225	13,432	12,516	8.58	7.48	9.55

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 266.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-75

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969.....	14,070	771	1,642	821	11,007
1970.....	13,164	685	1,520	701	10,943
1971.....	11,494	680	1,309	582	9,623
1972.....	12,170	707	1,223	546	10,401
1973.....	12,156	805	1,323	645	10,185
1974.....	13,339	806	1,298	696	11,345
1975.....	13,225	726	1,317	682	11,346

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-68 in *Agricultural Statistics, 1978*, table 280.



Table 267.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1975

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Ala.	522	23	74	57	361
Ark.	120	5	32	9	80
Calif.	1,023	33	34	43	945
Ga.	750	16	59	43	648
La.	3,550	180	310	107	2,333
Md.	306	11	14	12	280
Miss.	903	48	111	63	729
N.J.	242	12	13	12	217
N.C.	4,185	214	516	176	3,463
S.C.	200	10	32	9	159
Tenn.	300	15	52	22	226
Tex.	1,150	77	94	75	981
Va.	975	78	76	35	864
U.S.	13,225	726	1,317	652	11,246

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 268.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1963-77

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1963	155,520	128	20,012	7.68	153,709	250,460	16.4	4,099,690	26.74	109,640
1964	155,270	132	20,527	8.85	181,677	273,330	16.77	4,583,310	30.70	140,810
1965	152,180	134	20,420	9.45	192,900	257,520	17.13	4,411,340	37.30	163,936
1966	150,650	135	20,326	9.39	190,840	299,830	15.55	4,682,270	35.70	166,402
1967	148,450	128	20,555	9.51	195,553	327,060	15.87	5,180,550	42.80	222,061
1968	145,110	138	19,446	11.60	224,921	370,550	18.50	6,987,600	40.20	280,429
1969	147,580	130	19,249	11.60	222,953	266,500	18.30	4,901,550	34.70	170,270
1970	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971	136,360	131	17,827	13.90	247,511	238,130	31.37	5,515,550	35.50	195,738
1972	145,170	137	19,923	14.90	295,582	265,020	21.90	5,803,700	35.20	204,366
1973	138,990	141	19,556	16.00	312,217	295,100	30.11	5,934,550	42.00	249,085
1974	124,100	162	20,081	17.30	347,413	337,700	20.79	7,019,550	64.50	453,022
1975	124,330	168	20,945	18.60	390,353	384,250	22.13	5,603,790	63.20	537,438
1976	127,620	170	21,730	19.20	418,163	308,960	20.95	6,471,790	58.00	378,407
1977 <sup>4</sup>	124,830	157	19,656	21.20	416,145	346,360	22.44	7,773,130	64.10	497,976

<sup>1</sup> For fresh market, excludes the following quantities not marketed (1,000 hundredweight): 1 in 1964, 56 in 1965, 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excludes 90,600 tons not marketed in 1965 and 200,000 tons in 1976. Includes 1,000 cwt. for fresh market in 1963 which was excluded in computing value. In 1968, includes some quantities not delivered because of economic conditions.

<sup>2</sup> Fresh market price and value on f.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 263.

Table 269.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter:				1,000	1,000	1,000	Dollars	Dollars	Dollars
Fla.....	Acres 10,100	Acres 13,100	Acres 7,300	cut. 3,131	cut. 2,817	cut. 1,059	per cut. 21.00	per cut. 21.40	per cut. 25.70
Total.....	10,100	13,100	7,300	3,131	2,817	1,059	21.00	21.40	25.70
Spring:									
Ala.....	2,400	2,500	2,200	139	175	133	21.20	32.40	26.00
Ark.....	1,500	1,800	3,400	128	180	308	45.00	35.00	17.50
Calif.:									
Desert.....	1,600	1,900	2,300	344	418	403	36.80	22.00	16.10
Other.....	500	1,900	1,900	80	288	285	39.30	32.20	22.60
Fla.....	12,000	15,500	16,400	2,880	3,643	3,828	15.80	15.20	19.10
La.....	700	700	670	56	60	70	27.80	22.20	17.40
S.C. <sup>2</sup> .....	6,100	5,800	7,000	488	638	700	17.00	12.00	12.00
Tex.....	3,800	3,500	2,600	231	266	200	26.00	18.50	21.80
Total.....	28,400	33,300	36,470	4,336	5,668	5,622	20.90	18.20	18.30
Summer:									
Ala.....	5,200	5,500	5,000	364	413	350	15.20	21.60	29.30
Ark.....	1,700	1,900	600	179	257	54	32.50	19.00	21.80
Calif.:									
Other.....	16,500	15,500	14,700	3,060	3,875	4,043	15.60	18.10	21.60
Colo. <sup>3</sup> .....	380			65			11.20		
Conn. <sup>4</sup> .....	640			83			18.00		
Ga.....	2,600	2,900	3,100	166	218	180	23.60	21.20	17.10
Ill. <sup>5</sup> .....	1,100			74			16.60		
Ind.....	1,900	1,900	1,600	238	247	216	12.80	14.50	15.30
Ky.....	700	700	450	70	58	52	23.20	17.90	20.10
Md.....	2,100	2,300	2,300	200	216	212	13.60	12.40	15.10
Mass.....	630	620	660	132	121	125	18.00	21.40	20.40
Mich.....	4,300	4,200	4,100	387	409	390	14.80	15.50	22.90
Mo. <sup>6</sup> .....	450			38			13.80		
N.J.....	8,500	6,800	6,500	546	578	553	17.90	15.60	22.90
N.Y.....	2,900	2,700	3,000	346	311	279	18.40	18.70	21.30
N.C.....	1,900	2,000	2,000	285	290	289	14.80	13.50	17.00
Ohio.....	1,200	1,200	990	156	168	90	19.20	15.10	25.00
Pa.....	2,450	2,300	2,300	257	276	299	10.30	10.60	10.50
S.C.....	1,700	1,800	1,300	117	180	108	25.00	18.00	14.70
Tenn.....	2,100	2,100	2,700	284	305	338	23.90	13.10	26.30
Tex.....	2,600	3,100	3,100	148	164	195	27.40	18.00	20.70
Va.....	2,600	2,400	2,400	312	312	312	15.10	16.40	14.40
Wash. <sup>7</sup> .....	650			111			14.70		
Total.....	62,800	60,020	56,710	8,518	8,407	8,073	16.70	17.10	20.80
Fall:									
Ala.....	400	500	300	25	33	21	20.00	32.60	28.10
Calif.:									
Other.....	11,800	10,400	10,700	2,478	2,060	2,247	17.10	23.70	23.90
Fla.....	9,700	10,300	12,700	2,328	2,678	2,540	19.70	22.20	23.90
Tex.....	900	0	400	81	0	34	18.20	0	25.00
Total.....	22,800	21,200	24,100	4,912	4,791	4,842	18.40	22.90	23.90
All groups.....	124,100	127,620	124,580	20,897	21,683	19,596	18.60	19.20	21.10
Hawaii.....	230	200	240	48	47	60	27.60	26.40	31.20
U.S.....	124,330	127,820	124,820	20,945	21,730	19,656	18.60	19.20	21.20

See footnotes at end of table.

Table 269.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1975-77—Continued

Utilization, season, and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif. <sup>2</sup>	299,200	233,800	276,400	7,270,550	5,066,450	6,669,550	62.50	56.20	63.90
Colo.	640	650	640	8,600	10,950	7,000	61.90	58.20	63.70
Ind.	15,800	12,700	12,500	209,300	234,050	173,100	62.90	65.50	66.70
Md.	4,600	4,300	4,000	53,300	49,000	45,950	60.20	64.50	64.30
Mich.	4,400	4,000	4,100	63,300	74,500	63,500	64.00	65.20	65.80
N.J.	10,600	9,300	8,000	184,000	176,250	121,200	72.40	65.00	63.00
N. Mex.	860	900	900	8,600	9,900	9,900	70.00	78.00	78.00
Ohio.	24,100	22,300	20,900	423,000	520,250	416,750	68.00	66.00	66.00
Pa.	7,000	6,200	5,800	108,100	126,500	114,250	67.40	61.00	62.00
Tex.	4,000	4,000	2,000	37,900	44,850	20,400	78.20	65.10	64.60
Va.	3,800	3,500	3,600	33,850	44,350	29,050	60.60	60.80	70.60
Other States <sup>3</sup>	9,250	7,310	7,520	133,250	115,900	102,500	63.60	59.90	61.70
U.S.	384,250	308,980	346,360	8,563,750	6,471,750	7,772,150	63.20	58.00	64.10
Grand total	508,580	436,780	471,180	9,851,000	7,588,250	8,755,950	67.10	105.00	104.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 44,000 cwt. in 1977 in South Carolina, and 200,000 tons in 1976 in California.<sup>3</sup> Estimates discontinued in 1976.<sup>4</sup> 1975—Arizona, Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Oklahoma, Utah, and West Virginia; 1976—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1977—Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 270.—Tomatoes: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports			Domestic exports				
	Fresh	Canned <sup>2</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>2</sup>	Juice <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1963	251,229	80,315	15,630	96,199	8,041	16,619	14,068	31,874
1964	261,927	82,886	15,417	105,550	18,602	20,144	13,623	30,675
1965	341,124	102,692	38,649	99,550	11,539	17,087	11,524	21,034
1966	382,732	111,550	78,975	96,014	10,741	12,721	8,436	19,201
1967	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,284
1968	467,129	117,175	128,225	96,530	10,105	10,753	7,940	13,621
1969	630,122	111,650	84,120	92,176	17,835	12,546	17,067	11,747
1970	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972	739,170	128,287	127,941	147,574	22,701	15,200	10,617	18,317
1973	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974	543,734	64,774	25,811	194,583	25,015	19,049	44,535	23,442
1975	629,975	76,531	30,925	190,072	34,293	39,252	24,945	38,094
1976	622,981	80,579	36,407	207,684	38,065	24,723	25,293	40,670

<sup>1</sup> Year beginning October for 1976.<sup>2</sup> Includes "otherwise prepared," if any.<sup>3</sup> Includes exports for military-civilian feeding abroad.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics*, 1979, table 283.

Table 271.—Watermelons, commercial crop: Area, yield, production, value per hundred-weight, and total value, United States, 1963-77

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	288,310	109	31,102	1.44	41,888	1971.....	232,400	107	27,094	2.51	67,992
1964.....	280,400	98	27,575	1.70	46,899	1972.....	267,600	94	25,280	2.50	63,173
1965.....	286,320	103	29,903	1.60	47,316	1973.....	240,400	109	26,170	2.95	77,186
1966.....	275,640	103	28,436	1.87	53,175	1974.....	212,700	108	23,034	3.81	87,736
1967.....	273,260	102	27,790	2.10	58,279	1975.....	210,700	113	23,904	4.00	95,711
1968.....	283,880	97	27,616	1.88	51,838	1976.....	234,200	111	25,910	3.25	84,274
1969.....	272,400	95	25,950	2.05	53,268	1977 <sup>3</sup> .....	227,400	116	26,371	3.39	89,413
1970.....	268,200	103	27,373	2.21	60,404						

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 51 in 1964, 37 in 1965, 590 in 1966, and 90 in 1968. Includes 1,919,000 cwt. in 1963 which was excluded in computing value.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 284.

Table 272.—Watermelons, commercial crop: Area, production, and value per hundred-weight, by States, 1975-77

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ala.....	2,900	3,700	3,500	174	278	245	5.40	3.90	3.85
Aris.....	100	1,300	1,300	17	182	180	7.90	5.40	5.70
Calif.....									
Desert.....	1,800	3,000	3,500	333	660	683	7.50	6.51	5.30
Fla.....	43,600	53,000	51,000	8,066	9,900	8,925	4.36	2.81	2.97
Ga.....	3,400	9,700	14,200	340	728	1,207	5.00	2.70	2.80
Tex.....	24,000	25,000	28,000	1,680	1,750	2,772	5.77	5.62	4.52
Total.....	75,800	97,700	101,400	18,610	13,498	14,012	4.73	3.26	3.43
Summer:									
Ala.....	10,800	11,300	11,000	564	848	715	3.55	3.39	3.35
Aris.....	2,800	1,900	2,600	462	333	416	4.14	2.70	4.90
Calif.....	4,500	4,400	3,600	360	286	256	4.25	3.80	3.70
Desert.....	2,100	800	700	420	190	133	7.50	5.60	5.20
Other.....	5,700	6,000	5,900	912	1,140	915	3.36	4.13	5.23
Del.....	1,600	1,900	1,900	280	304	285	3.55	3.48	3.59
Ga.....	26,000	23,100	14,400	2,310	1,686	1,066	2.52	2.94	2.40
Ind.....	5,000	5,100	5,000	800	689	750	4.53	4.04	5.02
Ia.....	2,600			213			4.73		
Mo.....	2,500	2,700	2,700	438	445	419	3.55	3.48	3.59
Miss.....	9,500	11,400	12,000	542	912	804	2.62	2.50	2.10
Mo.....	4,300	3,700	4,200	495	348	525	3.33	2.20	3.00
N.C.....	8,000	8,000	7,000	480	448	385	2.85	3.25	3.34
Okl.....	7,500	8,200	7,000	488	820	770	2.30	2.64	2.60
S.C.....	20,000	23,000	18,000	1,580	1,242	1,170	2.07	2.53	2.50
Tex.....	22,000	25,000	30,000	2,750	2,750	3,750	4.10	3.57	3.26
Total.....	134,900	136,500	126,000	13,294	12,412	12,259	3.43	3.24	3.35
U.S.....	210,700	234,200	227,400	23,904	25,910	26,371	4.00	3.25	3.39

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued in 1976.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

# VEGETABLES AND MELONS

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Table 273.—Vegetables and melons: Unloads at 8 markets, by commodities, 1977

Commodity	Boston			New York <sup>1</sup>			Philadelphia			Baltimore <sup>1</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>												
Beans (snap, lima, and fava)	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Cabbage	3	435	438	8	1,087	1,095	9	353	353	2	274	274
Cantaloupe	274	1,559	1,833	339	2,758	3,097	183	661	844	61	1,300	1,361
Carrots	375	517	892	778	1,312	2,090	141	403	544	42	616	658
Cauliflower	11	224	235	62	421	483	11	243	254	1	191	192
Celery	491	239	730	721	355	1,076	183	1,090	1,273	48	773	821
Cucumbers	9	1,435	1,444	54	2,460	2,514	7	902	909	—	513	513
Lettuce-romaine	1,843	4,406	6,249	8,156	7,910	15,066	1,183	3,168	4,351	832	2,244	2,776
Mixed vegetables	372	272	644	519	519	1,038	145	—	145	68	—	68
Onions, dry	455	1,266	1,721	1,054	2,356	3,410	373	1,850	2,223	262	1,263	1,547
Peas, green	3	35	38	—	58	61	—	21	21	—	12	12
Potatoes	1,048	3,893	4,941	3,372	4,203	7,575	1,047	2,988	4,035	520	4,422	4,942
Watermelons	45	1,057	1,102	1,064	2,047	3,111	36	884	920	8	984	992
Miscellaneous	583	9,010	9,593	1,778	15,014	16,792	184	6,647	6,831	49	4,974	5,023
<b>Total</b>	<b>5,409</b>	<b>23,063</b>	<b>28,472</b>	<b>13,579</b>	<b>39,183</b>	<b>52,762</b>	<b>3,502</b>	<b>20,835</b>	<b>24,337</b>	<b>1,593</b>	<b>18,000</b>	<b>19,593</b>
Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>1</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>												
Beans (snap, lima, and fava)	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Cabbage	—	419	419	—	253	253	1	682	683	—	335	335
Cantaloupe	13	1,313	1,326	29	1,417	1,446	—	1,912	1,912	—	651	651
Carrots	6	438	444	303	694	997	—	2,825	2,825	—	793	793
Cauliflower	—	215	215	128	404	532	—	2,441	2,441	—	951	951
Celery	4	74	78	38	214	252	—	937	937	—	378	378
Cucumbers	—	277	281	469	695	1,164	—	3,969	3,969	—	1,029	1,029
Lettuce-romaine	—	309	309	4	942	946	—	1,823	1,823	—	609	609
Mixed vegetables	1	1,669	1,670	3,204	2,073	5,277	—	9,114	9,114	—	3,687	3,687
Onions, dry	43	1,578	1,621	510	1,162	1,672	97	3,698	3,795	86	1,535	1,621
Peas, green	—	6	6	1	2	3	—	96	96	—	62	62
Potatoes	859	3,616	4,475	3,916	3,277	7,193	17	8,919	8,936	—	6,802	6,802
Watermelons	—	1,159	1,159	30	1,346	1,376	—	4,647	4,647	—	1,717	1,717
Miscellaneous	19	3,941	4,060	295	6,904	7,199	48	22,565	22,613	7	9,510	9,517
<b>Total</b>	<b>970</b>	<b>15,014</b>	<b>15,984</b>	<b>9,239</b>	<b>19,383</b>	<b>28,622</b>	<b>163</b>	<b>63,030</b>	<b>63,193</b>	<b>93</b>	<b>26,084</b>	<b>26,177</b>

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1977 are as follows: New York, 75; Baltimore, 85-90; Atlanta, Chicago, and Philadelphia, 90; Boston, 90-95; and Los Angeles and San Francisco, 95.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Washington.

<sup>4</sup> Includes Oakland.

Agricultural Marketing Service.

Table 274.—Vegetables and melons: Total unloads at 8 markets, 1963-77

Year	Boston			New York <sup>1</sup>			Philadelphia			Baltimore <sup>2</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963.....	15,817	14,914	30,731	44,328	49,168	90,393	16,872	22,782	39,654	8,879	13,386	18,229
1964.....	15,019	15,191	30,210	45,178	48,884	94,062	15,290	22,050	37,340	5,381	11,740	17,121
1965.....	13,821	14,723	28,544	41,504	49,182	90,686	13,617	20,802	34,219	5,084	11,927	16,991
1966.....	13,344	12,880	25,924	41,383	39,172	80,555	13,071	18,812	31,883	5,102	10,089	15,191
1967.....	12,653	12,441	25,094	43,396	38,964	82,260	12,673	19,497	32,170	4,683	10,842	15,195
1968.....	10,668	13,162	23,830	36,952	38,228	73,180	12,295	18,786	31,081	4,334	9,963	14,327
1969.....	11,945	14,783	26,698	39,108	34,272	73,380	12,698	17,778	30,473	4,393	9,967	14,390
1970.....	10,501	14,500	25,001	38,001	38,164	74,165	11,808	17,558	29,363	3,885	9,304	13,199
1971.....	10,373	14,725	25,098	33,607	33,509	68,116	10,708	16,282	27,047	3,333	8,749	12,083
1972.....	10,308	15,212	25,720	30,609	29,131	59,731	10,786	16,549	27,335	3,828	8,734	12,282
1973.....	9,673	15,722	25,045	27,585	34,442	62,327	9,168	16,739	25,907	3,231	8,003	11,234
1974.....	9,847	15,816	25,663	24,877	35,164	60,041	8,821	17,211	25,832	3,146	7,487	10,633
1975.....	8,213	18,885	27,078	20,764	39,579	60,343	6,786	18,363	25,149	2,177	8,078	10,255
1976.....	6,546	22,988	29,534	17,084	37,616	54,700	4,689	19,709	24,398	2,267	17,042	19,309
1977.....	5,409	23,063	28,472	13,579	39,183	52,762	3,802	20,838	24,337	1,593	19,000	19,593

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963.....	1,889	16,906	18,795	26,694	19,032	45,726	6,107	72,874	78,981	1,670	30,316	31,986
1964.....	1,687	16,587	18,244	24,374	19,059	43,433	5,878	69,881	75,739	1,742	30,970	32,712
1965.....	1,628	16,649	18,177	23,706	18,439	42,145	4,628	69,985	74,590	1,331	29,842	30,973
1966.....	2,039	14,065	16,104	25,280	18,277	40,557	4,916	58,177	62,993	1,196	24,320	25,018
1967.....	2,013	14,491	16,504	24,277	14,568	38,845	5,187	58,544	63,731	1,087	26,177	27,264
1968.....	2,073	15,101	17,174	23,683	15,021	38,704	4,967	56,309	61,276	845	26,564	27,409
1969.....	2,130	15,370	17,500	25,471	13,358	38,829	5,187	54,899	60,086	932	25,094	26,026
1970.....	2,371	15,134	17,505	22,566	13,130	35,696	4,082	59,291	63,373	619	25,790	26,409
1971.....	1,933	14,712	16,645	18,017	14,141	32,158	3,127	55,458	58,585	690	24,908	25,598
1972.....	1,904	14,715	16,619	17,057	14,736	31,793	2,328	59,234	61,562	524	26,045	26,573
1973.....	1,577	14,580	16,157	13,715	16,727	30,440	1,836	58,498	60,034	232	25,544	25,296
1974.....	1,065	13,323	14,388	11,631	16,657	28,288	1,028	61,468	62,493	163	25,852	26,015
1975.....	972	13,634	14,606	9,056	19,439	28,495	322	62,018	62,340	71	26,935	27,006
1976.....	854	15,239	16,093	9,537	21,196	30,733	117	63,572	63,690	24	28,047	28,071
1977.....	970	15,014	15,984	9,239	19,383	28,622	183	63,030	63,193	93	28,084	28,177

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1977 are as follows: New York, 73; Baltimore, 85-90; Atlanta, Chicago, and Philadelphia, 90; Boston, 90-95; and Los Angeles and San Francisco, 95.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Washington.

<sup>4</sup> Includes Oakland.

Agricultural Marketing Service. Data for 1955-62 in *Agricultural Statistics, 1972*, table 287.

## FOOTNOTES FOR TABLE 275

<sup>1</sup> Fresh vegetable consumption computed from total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Less than 0.05 pound.

<sup>3</sup> Beginning 1968, included in minor vegetables.

<sup>4</sup> Preliminary.

<sup>5</sup> Includes less than 0.05 pound of shallots each year from 1959 through 1967. Beginning 1968, included in minor vegetables.

<sup>6</sup> Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

<sup>7</sup> Includes table stock and processed potatoes.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1972*, table 289.

Table 275.—Vegetables, fresh: Carlot rail and boat shipments of specified kinds, United States, 1963-77<sup>1</sup>

Year	Asparagus	Beans, snap and lima	Broccoli	Cabbage	Carrots	Cauliflower	Celery	Corn, sweet
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963	781	675	1,487	5,483	11,119	1,564	14,395	5,315
1964	608	594	1,617	4,900	9,218	1,842	13,081	4,168
1965	732	434	1,143	4,897	8,529	1,229	12,920	4,832
1966	502	511	1,380	4,979	8,240	1,435	14,242	5,272
1967	516	420	1,779	4,910	7,184	1,430	12,952	4,953
1968	515	274	2,194	4,711	6,881	1,346	13,944	3,423
1969	397	238	1,679	4,811	7,037	1,588	12,486	4,098
1970	461	171	1,623	4,370	6,999	1,049	12,313	2,788
1971	322	66	1,867	3,755	6,186	892	10,931	1,943
1972	287	67	2,260	4,060	5,997	1,149	10,464	2,164
1973	318	32	2,243	3,851	5,737	975	10,034	1,074
1974	224	27	2,265	2,725	5,584	1,166	10,105	890
1975	95	20	2,700	1,282	5,054	934	8,777	77
1976	41	5	1,328	852	3,997	373	3,519	49
1977	1	-----	1,373	156	3,077	240	3,313	12

Year	Cucumbers	Escarole	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green
					Cantaloupes	Other <sup>2</sup>		
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963	1,010	457	667	32,568	17,723	4,366	13,914	433
1964	1,105	574	930	51,117	15,980	3,979	14,165	380
1965	998	671	497	46,892	13,578	4,303	15,023	331
1966	887	708	589	40,008	13,448	3,296	15,457	171
1967	1,276	543	524	46,236	15,375	4,355	17,993	179
1968	541	369	785	49,007	16,990	3,791	16,433	113
1969	645	397	624	48,479	17,441	4,103	17,007	85
1970	573	195	609	48,563	14,334	3,856	16,846	96
1971	276	215	632	41,223	9,888	3,083	14,500	95
1972	399	219	763	42,398	10,120	3,689	14,664	43
1973	97	171	704	36,818	8,832	3,473	12,234	94
1974	132	34	824	35,512	6,113	2,553	12,307	16
1975	41	19	840	29,968	4,609	2,181	7,388	21
1976	50	4	438	19,202	3,617	1,350	8,049	17
1977	27	3	238	17,247	3,282	798	5,108	-----

Year	Peppers	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Water-melons	Mixed vegetables	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963	3,188	141,967	1,350	98	12,060	6,466	19,001	316,046
1964	2,492	138,376	1,332	31	11,481	3,630	18,601	300,201
1965	2,368	128,988	1,029	80	11,464	4,100	18,133	279,871
1966	2,551	134,436	961	65	11,084	6,047	17,299	293,214
1967	1,973	123,974	918	58	10,837	7,203	14,940	280,326
1968	2,380	115,102	869	44	11,057	5,532	14,556	271,667
1969	1,742	113,234	954	23	10,450	5,079	14,563	267,973
1970	1,226	99,146	858	3	9,287	3,861	12,932	242,180
1971	802	87,037	864	4	7,473	4,057	11,485	207,597
1972	860	75,628	878	1	8,236	3,382	10,881	198,608
1973	370	68,019	944	1	5,436	3,100	9,020	173,237
1974	413	54,879	826	23	4,131	2,601	7,952	150,853
1975	194	40,757	645	-----	2,882	1,858	8,532	113,892
1976	71	48,989	582	-----	1,964	2,418	3,413	100,296
1977	39	39,404	381	-----	1,066	1,548	1,935	79,218

<sup>1</sup> Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

<sup>2</sup> Includes cantaloupe, honeydew, persian, and mixed melons. Cars of mixed melons may include cantaloupes as well as other muskmelons.

Agricultural Marketing Service. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Data for 1949-62 in *Agricultural Statistics, 1972*, table 288.



Table 276.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1963-77<sup>1</sup>

Year	Tomatoes	Leafy, green, and yellow vegetables										Lettuce and escarole	Green peas (un-shelled)
		Artichokes	Asparagus	Lima beans (un-shelled)	Snap beans	Broccoli	Brussels sprouts	Cabbage	Carrots	Kale			
1963.....	Lb. 12.0	Lb. 0.2	Lb. 0.6	Lb. 0.3	Lb. 2.2	Lb. 0.4	Lb. 0.1	Lb. 9.7	Lb. 7.3	Lb. 0.1	Lb. 21.4	Lb. 0.2	
1964.....	12.2	.3	.5	.3	2.1	.3	.1	9.5	6.9	.1	21.0	.3	
1965.....	12.0	.3	.6	.3	2.0	.3	.1	8.9	7.0	.1	21.7	.2	
1966.....	12.4	.3	.4	.3	1.9	.3	( <sup>2</sup> )	8.9	6.4	.1	21.6	.2	
1967.....	12.4	.4	.4	.3	2.0	.3	.1	9.1	6.5	.1	22.1	.1	
1968.....	11.9	.3	.5	( <sup>2</sup> )	1.9	.4	( <sup>2</sup> )	9.3	7.5	( <sup>2</sup> )	22.5	( <sup>2</sup> )	
1969.....	11.9	.3	.4	-----	1.8	.4	( <sup>2</sup> )	8.9	8.0	-----	22.5	-----	
1970.....	12.3	.3	.5	-----	1.7	.5	( <sup>2</sup> )	8.8	8.9	-----	23.1	-----	
1971.....	11.4	.4	.4	-----	1.6	.7	( <sup>2</sup> )	9.3	8.1	-----	23.2	-----	
1972.....	12.2	.3	.5	-----	1.6	.7	( <sup>2</sup> )	8.8	8.6	-----	23.3	-----	
1973.....	12.6	.3	.4	-----	1.6	.8	( <sup>2</sup> )	9.0	8.7	-----	23.0	-----	
1974.....	12.0	.3	.4	-----	1.5	.8	( <sup>2</sup> )	9.1	7.0	-----	24.4	-----	
1975.....	12.1	.3	.4	-----	1.6	1.0	( <sup>2</sup> )	9.2	6.5	-----	24.5	-----	
1976.....	12.7	.4	.4	-----	1.6	1.1	( <sup>2</sup> )	8.8	6.7	-----	24.3	-----	
1977 <sup>4</sup> .....	12.4	.3	.3	-----	1.5	1.2	( <sup>2</sup> )	8.5	5.8	-----	24.8	-----	

Year	Leafy, green, and yellow vegetables—Continued				Other vegetables							
	Peppers	Spinach	Minor	Total	Beets	Cauliflower	Celery	Corn	Cucumbers	Eggplant	Garlic	Onions and shallots <sup>3</sup>
1963.....	Lb. 2.5	Lb. 0.7	Lb. 5.1	Lb. 80.8	Lb. 0.5	Lb. 1.1	Lb. 6.9	Lb. 8.2	Lb. 3.1	Lb. 0.4	Lb. 0.3	Lb. 11.9
1964.....	2.3	.6	4.9	49.2	.5	1.0	6.8	7.8	3.0	.4	.4	11.4
1965.....	2.3	.6	4.6	49.0	.5	1.0	6.7	8.1	3.1	.4	.4	11.4
1966.....	2.4	.6	4.0	47.4	.4	1.0	6.9	7.4	3.0	.4	.3	11.5
1967.....	2.6	.6	3.6	48.2	.4	1.0	6.8	8.0	3.1	.4	.4	12.1
1968.....	2.8	.6	5.5	51.3	( <sup>2</sup> )	1.0	7.2	7.8	2.9	.4	.5	11.9
1969.....	2.6	.5	4.4	47.8	-----	.9	7.3	8.0	3.2	.4	.5	12.5
1970.....	2.4	.5	4.7	48.4	-----	.7	7.2	7.9	3.2	.4	.5	11.9
1971.....	2.5	.5	4.5	49.1	-----	.8	7.3	7.5	3.1	.4	.3	10.1
1972.....	2.7	.4	4.6	49.5	-----	.8	7.1	7.9	3.3	.5	.4	9.9
1973.....	2.8	.5	4.2	50.2	-----	.8	7.6	8.0	3.0	.6	.5	9.2
1974.....	3.0	.5	4.4	51.4	-----	.8	7.4	7.7	3.4	.5	.7	10.5
1975.....	3.1	.5	4.3	51.4	-----	.9	7.0	7.9	3.2	.5	.8	9.8
1976.....	3.3	.6	3.7	50.9	-----	1.0	7.5	8.2	3.7	.7	.5	10.1
1977 <sup>4</sup> .....	3.5	.6	3.5	50.0	-----	1.0	7.2	7.5	4.0	.6	.6	9.9

Year	Other vegetables—Continued		Total vegetables	Melons			Total vegetables and melons	Potatoes <sup>1</sup>	Sweet potatoes	Dry edible beans	Dry-field peas	Dehydrated onions <sup>3</sup>
	Minor	Total		Watermelons	Cantaloupes	Total melons						
1963.....	Lb. 6.0	Lb. 35.4	Lb. 101.2	Lb. 15.9	Lb. 8.7	Lb. 24.6	Lb. 125.8	Lb. 111	Lb. 6.9	Lb. 7.6	Lb. 0.7	Lb. -----
1964.....	5.9	37.2	98.6	14.8	8.2	23.0	121.6	111	5.5	7.6	.5	-----
1965.....	5.7	37.3	98.3	15.7	7.9	23.6	121.9	107	6.2	6.6	.4	-----
1966.....	5.2	38.1	95.9	14.8	7.3	22.1	118.0	117	6.3	6.3	.4	-----
1967.....	5.4	37.6	98.2	14.2	8.1	22.3	120.5	108	5.8	6.9	.2	-----
1968.....	6.3	38.0	101.2	14.4	8.6	23.0	124.2	115	5.7	6.4	.3	-----
1969.....	6.4	39.2	98.9	13.8	9.1	22.9	121.8	117	5.6	6.9	.3	-----
1970.....	6.3	38.1	98.8	14.4	8.9	23.3	122.1	118	5.5	5.9	.3	-----
1971.....	6.1	35.5	96.0	14.1	8.5	22.6	118.6	119	4.8	5.9	.3	2.5
1972.....	5.7	35.6	97.3	13.2	8.7	21.9	119.2	119	5.0	6.3	.3	2.0
1973.....	5.7	35.4	98.2	13.8	8.0	21.8	120.0	117	4.9	6.4	.5	2.4
1974.....	5.6	36.8	100.0	11.9	7.0	18.9	118.9	114	5.3	6.7	.4	2.6
1975.....	5.4	35.5	99.0	12.2	6.9	19.1	118.1	122	5.4	6.5	.4	2.0
1976.....	5.1	36.8	100.4	13.5	7.0	20.5	120.9	116	5.3	6.3	.4	2.3
1977 <sup>4</sup> .....	4.6	35.4	97.8	13.6	7.6	21.2	119.0	124	4.9	6.0	.2	2.7

See footnotes on page 192.

Table 277.—Vegetables, canned: United States pack of selected items, 1963-77

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimientos
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1963.....	9,283	3,089	37,667	13,114	5,233	44,182	33,588	50,915	392
1964.....	8,217	2,213	37,359	10,311	4,611	37,551	30,045	47,688	686
1965.....	7,266	2,681	45,627	10,969	4,753	39,116	37,585	48,073	837
1966.....	7,896	5,531	40,838	11,564	5,838	45,825	31,856	60,234	675
1967.....	6,838	5,863	53,173	12,406	7,342	49,268	37,602	67,127	761
1968.....	6,925	3,818	51,842	14,323	7,726	59,378	36,231	63,220	848
1969.....	6,817	3,596	47,339	11,582	5,490	49,387	32,071	57,904	876
1970.....	5,675	2,776	47,572	11,638	4,999	46,995	28,607	45,946	627
1971.....	5,543	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972.....	5,880	2,116	47,556	9,448	5,093	52,957	33,081	63,989	650
1973.....	5,794	3,180	35,062	11,324	6,160	55,237	29,558	67,066	369
1974.....	5,643	5,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975.....	5,551	5,729	55,390	13,394	5,035	57,459	35,172	75,616	813
1976.....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,996	793
1977 <sup>3</sup> .....	3,705	2,657	54,494	11,348	5,673	56,300	30,238	70,347	-----

Season	Pumpkin and squash	Sauerkraut <sup>1</sup>	Spinach	Tomatoes	Tomato juice <sup>4</sup>	Tomato pulp and puree	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1963.....	4,015	10,889	8,031	33,041	42,114	5,422	300,915
1964.....	3,799	8,794	7,841	38,431	43,067	5,929	284,342
1965.....	3,854	12,801	6,365	36,015	40,047	6,484	301,535
1966.....	4,553	9,696	6,984	32,662	38,907	7,349	307,796
1967.....	4,592	14,764	7,409	39,127	42,815	8,775	355,855
1968.....	4,551	12,520	7,990	48,422	40,169	13,837	368,700
1969.....	5,244	12,015	6,577	32,636	33,653	7,014	311,568
1970.....	3,973	14,369	7,370	39,017	36,761	5,947	322,282
1971.....	4,581	12,657	7,675	38,367	38,411	7,844	334,948
1972.....	4,064	10,697	8,217	43,301	31,074	9,705	337,788
1973.....	4,632	11,634	8,944	45,431	33,936	9,895	348,222
1974.....	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975.....	5,805	12,946	8,328	53,465	35,358	13,807	379,067
1976.....	5,500	12,531	6,904	42,614	32,154	8,377	334,122
1977 <sup>3</sup> .....	2,962	12,447	7,104	53,076	37,197	9,834	346,672

<sup>1</sup> Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1964, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 63.9 cases for 1964, 54.0 cases for 1964, and interim years interpolated.

<sup>2</sup> Equivalent cases of 24 No. 303 cans.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association, and the National Canned Fruit and Vegetable Association, and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 281

<sup>1</sup> Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.

<sup>2</sup> Actual cases.

<sup>3</sup> Cannery's stocks of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association, and the National Canned Fruit and Vegetable Association, and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 283

<sup>1</sup> Preliminary.

<sup>2</sup> Included with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1937-62 in *Agricultural Statistics*, 1972, table 294.

Table 278.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1963-77<sup>1</sup>

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1963.....	0.7	0.4	4.4	0.6	4.1	0.6	0.9	4.6	4.3	4.0
1964.....	.7	.4	4.8	.6	4.1	.6	.8	4.5	4.6	3.9
1965.....	.8	.3	4.8	.6	4.1	.5	.8	4.5	5.0	3.9
1966.....	.7	.2	5.1	.7	4.3	.5	.7	4.6	4.8	4.2
1967.....	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968.....	.7	.3	5.5	.6	4.2	.6	.8	4.9	<sup>2</sup> 9.8	
1969.....	.7	.4	5.7	.6	4.1	.5	.6	4.9	10.1	
1970.....	.7	.4	5.8	.6	3.9	.5	.8	4.8	10.1	
1971.....	.6	.4	5.9	.6	3.8	.5	.7	4.9	9.9	
1972.....	.6	.3	5.8	.8	3.8	.6	.8	5.1	10.2	
1973.....	.7	.3	5.9	.6	4.3	.6	.9	5.8	11.3	
1974.....	.6	.3	5.9	.6	3.5	.6	.9	5.0	12.0	
1975.....	.5	.3	5.8	.6	3.4	.6	.6	4.9	12.5	
1976.....	.8	.3	6.0	.5	3.6	.5	.6	5.2	13.2	
1977 <sup>3</sup> .....	.4	.4	5.9	.6	3.9	.4	.6	5.0	13.6	

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Tomato and vegetable juices	Beets	Corn	Pickles	Sauerkraut			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1963.....	0.8	5.4	1.5	5.6	5.7	1.4	1.1	1.5	47.5
1964.....	.8	4.5	1.4	5.5	6.2	1.2	1.0	1.5	47.2
1965.....	.8	4.7	1.4	5.5	6.3	1.4	1.3	2.1	48.7
1966.....	1.0	4.4	1.4	5.2	6.6	1.4	1.2	2.1	49.0
1967.....	1.0	4.2	1.4	5.4	7.3	1.4	1.1	2.3	50.6
1968.....	1.1	4.0	1.3	5.8	7.7	1.6	1.3	2.1	52.3
1969.....	1.0	4.1	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970.....	1.0	4.1	1.5	5.9	7.4	1.5	1.3	2.7	52.9
1971.....	1.0	3.9	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972.....	1.1	3.7	1.5	6.5	7.8	1.4	1.1	4.1	55.2
1973.....	1.1	3.3	1.3	6.4	8.0	1.4	1.3	4.5	57.7
1974.....	1.2	3.6	1.3	6.0	7.9	1.5	1.5	4.7	56.9
1975.....	1.1	3.6	1.3	5.1	7.8	1.3	.9	4.0	55.1
1976.....	1.1	2.8	1.4	5.7	8.4	1.4	.9	3.4	55.7
1977 <sup>4</sup> .....	.9	3.1	1.4	6.3	8.0	1.4	.8	3.2	55.9

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Beginning 1968, classified as "other concentrated products."<sup>3</sup> Preliminary.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1978*, table 291.

## FOOTNOTES FOR TABLE 284

<sup>1</sup> See table 276 for items included. Excludes melons.<sup>2</sup> Includes dehydrated onions.<sup>3</sup> See tables 278 and 283 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1937-62 in *Agricultural Statistics, 1978*, table 295.

Table 279.—Vegetables, frozen: Commercial pack, United States, 1968-77

Commodity	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes <sup>1</sup>										
Asparagus	34,358	33,033	32,428	30,930	33,574	30,864	1,596	2,236	2,262	1,000
Beans, green	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078
Beans, green, regular cut	138,506	117,800	119,059	127,678	151,064	179,331	180,666	140,200	142,330	22,474
Beans, green, French cut	65,504	61,933	75,817	83,065	74,741	83,065	70,202	50,000	59,974	82,633
Beans, green, wax	6,333	6,415	6,176	7,147	6,065	6,463	7,374	6,530	7,000	6,605
Beans, green, Italian	7,073	7,618	6,983	10,015	11,300	13,547	13,121	8,387	11,594	15,907
Beans, whole	3,900	5,013	4,287	9,188	8,857	9,063	9,004	8,870	4,933	6,376
Beans, baby lima	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078	10,078
Beans, lima, Forkhook	99,038	80,032	73,912	70,889	82,634	94,112	97,153	85,470	43,854	92,184
Brussels sprouts	172,399	153,754	185,157	189,900	234,245	213,165	245,253	191,438	201,513	314,268
Carrots	40,024	40,083	42,463	49,168	58,645	56,808	54,422	54,422	44,845	56,643
Cauliflower	162,282	150,945	173,054	143,681	165,879	231,658	245,081	165,869	181,277	263,769
Celery	67,566	89,744	90,782	87,659	94,070	96,098	93,754	76,586	87,807	96,670
Collards	2,346	3,415	7,210	5,335	11,136	13,421	9,089	7,077	10,286	9,642
Corn, cut	17,897	18,468	19,418	24,571	21,790	20,855	30,396	14,156	17,022	19,269
Corn-on-cob	37,359	29,814	16,377	26,311	19,746	26,835	28,561	288,097	292,331	269,712
Kale	79,388	73,914	89,489	106,893	132,106	148,521	182,335	158,312	142,812	200,732
Kohlrabi	4,731	4,762	6,488	6,611	5,617	4,423	5,029	5,071	4,587	6,515
Mushrooms <sup>1</sup>	11,914	10,331	15,397	13,011	12,643	14,563	11,839	10,338	10,358	10,465
Mustard greens	30,485	38,250	44,168	32,234	27,024	40,897	42,992	27,970	27,489	41,551
Onions	34,021	37,851	82,206	75,882	110,672	114,679	111,238	121,101	148,963	182,718
Peas, blackeye	25,579	30,647	30,084	33,077	38,004	41,774	39,881	21,745	31,368	39,054
Peas, green, and red <sup>2</sup>	429,352	367,323	344,280	345,418	300,905	367,714	415,282	406,874	348,054	348,054
Potato products	1,736,055	2,048,408	2,404,358	2,565,118	2,893,648	2,991,073	2,984,881	3,000,883	3,335,051	3,622,823
Pumpkin and cooked squash	24,672	26,091	27,241	28,470	29,708	29,047	22,641	29,802	22,177	25,168
Rhubarb	6,176	7,569	7,950	11,033	12,177	13,855	7,102	8,596	8,231	8,626
Squash	183,960	107,182	145,094	166,991	160,060	189,501	177,892	128,399	160,247	167,766
Sweetpotatoes and yams	12,832	17,318	18,933	26,882	28,494	28,343	31,330	27,948	35,377	41,898
Turnip greens and yams	20,824	12,854	10,913	20,291	16,373	18,620	11,235	11,345	11,457	17,168
Turnips	13,417	10,820	23,415	26,940	20,160	23,450	23,381	17,462	22,011	25,331
Miscellaneous vegetables	29,973	15,357	15,146	23,310	16,839	9,374	10,738	11,882	8,042	9,296
Total	3,857,840	3,915,231	4,316,731	4,374,361	4,874,561	5,188,398	5,473,141	6,212,966	5,491,035	6,245,809

<sup>1</sup> Included in "Miscellaneous vegetable" prior to 1973.  
<sup>2</sup> Included in "Miscellaneous vegetable" prior to 1974.  
<sup>3</sup> Included in "Miscellaneous vegetable" prior to 1972.

Economics, Statistics, and Cooperatives Service—Economics, Data from American Protein Food Institute.

Table 280.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1977

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					1,060	1,060
Asparagus	2,181		30,233			22,474
Beans, butter	7,917					7,917
Beans, green, regular cut	51,182	19,536	71,121			142,239
Beans, green, French cut	35,753		46,880			82,633
Beans, wax	5,605					5,605
Beans, green, Italian	15,907					15,907
Beans, whole	5,104		3,272			8,376
Beans, baby lima	15,269			11,541	55,679	92,154
Beans, lima Fordhook	45,304					45,304
Broccoli	11,209				303,186	314,395
Brussels sprouts	56,642					56,642
Carrots	28,446			115,199	120,124	263,769
Cauliflower	19,689				76,981	96,670
Celery	9,642					9,642
Collards	19,269					19,269
Corn, cut	22,083	84,177	184,843			290,773
Corn-on-cob	30,590	81,920	152,673			265,183
Kale	6,515					6,515
Mustard greens	13,857					13,857
Okra	41,551					41,551
Onions			153,718			153,718
Peas, blackeye	36,054					36,054
Peas, green	26,057	49,602		222,425	35,870	363,954
Peppers, green and red	14,316					14,316
Potato products	3,622,823					3,622,823
Pumpkin and cooked squash	25,168					25,168
Rhubarb	970		7,656			8,626
Spinach	8,527			158,939		167,466
Squash, summer	41,595					41,595
Sweetpotatoes and yams	11,091					11,091
Turnip greens	17,168					17,168
Turnip greens with turnips	25,331					25,331
Miscellaneous vegetables	9,296					9,296
Mushrooms	10,465					10,465
Total	4,289,514	205,635	639,156	507,904	603,500	6,245,609

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming. <sup>4</sup> Idaho, Oregon, and Washington. <sup>5</sup> East, South, and Midwest. <sup>6</sup> East, South, and West. <sup>7</sup> East, South, Midwest, and West. <sup>8</sup> East, Midwest, and West. <sup>9</sup> East, South, Midwest, and Northwest. <sup>10</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute.

Table 281.—Vegetables, canned: Cannery and distributors' stocks, beginning of season, United States, 1975-77

Commodity	Season beginning—	Cannery stocks			Distributors' stocks <sup>1</sup>		
		1975	1976	1977	1975	1976	1977
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Asparagus	March	2,599	1,168	812	572	473	306
Beans, lima	August	597	902	610	385	402	
Beans, snap	July	13,225	12,045	5,477	3,734	3,770	3,300
Beets	July	4,703	8,640	3,122	1,057	1,157	1,023
Carrots	July	3,317	2,301	1,589	622	596	563
Corn	July	5,569	9,825	9,878	3,706	4,042	4,009
Peas, green	June	4,024	8,153	7,903	2,770	2,925	2,896
Pumpkin and squash	July	233	704	1,790	245	465	365
Sauerkraut <sup>3</sup>	August	2,887	3,212	3,090	610	579	562
Spinach	March	3,609	3,675	2,439	656	619	591
Tomatoes	July	4,256	8,961	6,917	3,119	3,166	3,478
Tomato juice	July	4,556	5,322	7,096	1,798	1,813	1,786
Total of these items		50,175	61,908	50,223	19,274	20,007	18,898

See footnotes on page 195.

Table 232.—Frozen vegetables and potato products: Cold-storage holdings, end of month, United States, 1976 and 1977

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	106,347	102,128	65,081	33,623	120,783	96,437	331,400	347,317
February.....	136,610	69,238	84,120	24,405	108,369	71,331	296,312	253,961
March.....	111,288	56,427	64,111	35,000	97,449	67,580	244,171	242,875
April.....	91,182	45,953	65,267	52,682	83,676	58,633	210,905	207,295
May.....	78,553	35,326	80,645	84,151	78,849	52,005	178,781	159,608
June.....	78,285	32,958	64,046	109,294	64,603	48,755	148,386	129,663
July.....	86,466	52,922	78,562	113,623	62,318	48,622	125,723	125,780
August.....	173,790	165,582	70,351	106,187	58,138	47,527	190,048	228,529
September.....	180,929	175,298	88,253	91,692	51,598	56,498	359,246	443,100
October.....	155,792	169,939	56,663	94,123	78,686	101,219	465,702	510,148
November.....	143,125	150,125	66,981	101,621	116,866	136,980	435,126	465,297
December.....	123,447	129,739	51,713	106,324	110,771	155,234	401,529	423,126

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	108,958	67,223	58,558	38,001	45,659	37,231	43,292	30,537
February.....	101,304	59,208	51,276	27,188	32,437	24,524	40,366	23,535
March.....	92,201	51,617	43,963	19,650	60,181	49,292	38,051	19,908
April.....	80,983	44,844	35,057	14,547	120,902	109,073	30,736	14,802
May.....	74,609	38,300	29,898	11,113	127,752	115,954	31,232	11,589
June.....	69,982	31,190	24,046	10,039	128,523	116,526	26,061	8,519
July.....	64,164	28,939	26,861	13,238	118,288	107,692	19,416	8,910
August.....	68,973	33,557	32,303	30,609	101,785	93,948	17,793	5,399
September.....	92,161	66,330	36,924	23,099	83,540	83,846	21,696	13,521
October.....	97,000	104,333	46,433	27,802	78,215	79,539	23,511	22,473
November.....	89,585	104,700	51,972	46,718	67,507	71,855	39,408	34,462
December.....	77,390	95,120	47,038	51,748	55,678	58,542	36,406	37,573

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	22,434	27,793	227,611	196,506	1,480,438	1,244,610	689,886	777,153
February.....	24,119	23,889	190,797	133,980	1,364,374	942,076	744,926	809,133
March.....	23,187	21,193	185,791	118,120	1,190,963	892,917	787,580	870,835
April.....	21,256	18,616	137,851	106,506	1,133,361	878,620	791,783	893,288
May.....	21,526	18,451	134,663	101,884	1,084,700	837,408	794,840	903,037
June.....	21,805	21,401	188,781	161,658	1,086,543	897,093	756,633	886,544
July.....	23,355	24,713	303,130	272,416	1,188,347	1,077,912	806,095	720,487
August.....	26,053	24,151	385,590	351,974	1,421,257	1,367,537	808,764	576,356
September.....	23,903	22,580	374,403	319,408	1,585,804	1,601,674	862,400	611,014
October.....	24,264	25,634	313,799	299,781	1,674,511	1,756,503	666,752	726,095
November.....	25,173	27,105	274,646	233,833	1,622,362	1,736,108	745,216	804,953
December.....	26,713	26,880	230,453	225,768	1,452,613	1,645,470	730,399	829,769

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 283.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1963-77

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Pars	Broccoli	Brussels sprouts	Southern greens
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1963	0.18	0.87	0.70	0.34	1.78	0.80	0.20	.....
1964	.17	.84	.72	.42	1.81	.86	.22	.....
1965	.15	.91	.69	.51	1.98	.88	.22	.....
1966	.16	1.06	.70	.55	2.05	.71	.30	.....
1967	.17	.90	.73	.66	1.88	.77	.30	.....
1968	.16	1.00	.74	.73	2.08	.79	.18	.....
1969	.15	.97	.63	.72	1.76	.84	.23	.....
1970	.14	1.08	.71	.76	1.86	.88	.23	.....
1971	.12	1.04	.64	.74	1.81	.90	.22	.....
1972	.10	1.07	.69	.81	1.81	.90	.20	.....
1973	.11	1.14	.69	.99	1.76	1.06	.23	.....
1974	.10	1.07	.63	1.00	1.74	1.04	.26	.....
1975	.09	.88	.55	.89	1.71	.95	.23	0.34
1976	.11	1.14	.47	.92	1.63	1.04	.25	.25
1977	.09	1.00	.53	.99	1.52	1.15	.24	.35

  

Year	Leafy, green, and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>1</sup>	Cauliflower	Corn, cut basis	Onions			
	Lb.	Lb.	Lb.	Lb.	Lb.			
1963	0.87	0.89	0.19	0.88	.....	7.18	4.43	11.61
1964	.82	.98	.20	.97	.....	7.41	5.88	13.47
1965	.82	.99	.20	1.13	.....	8.05	8.72	13.80
1966	.68	1.21	.25	1.26	.....	8.83	6.93	15.76
1967	.70	1.20	.25	1.00	.....	9.06	7.58	16.64
1968	.70	1.27	.26	1.59	0.16	9.66	8.50	18.16
1969	.67	1.19	.30	1.44	.18	9.10	9.84	18.94
1970	.68	1.24	.30	1.61	.25	9.65	11.10	20.75
1971	.73	1.26	.35	1.47	.34	9.72	12.12	21.84
1972	.72	1.26	.35	1.45	.51	9.97	12.25	22.22
1973	.67	1.64	.37	1.90	.83	10.67	13.37	23.96
1974	.78	1.12	.41	1.56	.49	10.20	13.21	23.41
1975	.65	.89	.35	1.33	.50	9.65	13.89	23.54
1976	.71	1.13	.39	1.56	.66	10.25	14.76	25.01
1977	.73	.87	.41	1.77	.69	10.34	15.98	26.32

See footnotes on page 195.

Table 284.—Commercially produced vegetables: Civilian per capita consumption, United States, 1963-77

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1</sup>	Processed <sup>2</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	Pounds	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent	Percent
1963	201.5	101.2	100.3	84.9	15.4	50.2	49.8	42.1	7.7
1964	198.4	98.5	99.9	83.7	16.2	49.6	50.4	42.2	8.2
1965	201.0	98.3	102.7	85.3	17.4	48.9	51.1	42.4	8.7
1966	201.5	95.9	105.6	86.7	18.9	47.6	52.4	43.0	9.4
1967	206.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	213.1	98.9	114.2	94.9	19.3	46.4	53.6	44.5	9.1
1970	213.4	98.8	114.6	94.0	20.6	46.3	53.7	44.0	9.7
1971	212.3	98.5	113.8	93.6	20.2	46.4	53.6	44.1	9.5
1972	216.0	99.3	116.7	96.3	20.4	46.0	54.0	44.6	9.4
1973	224.1	100.6	123.5	101.6	21.9	44.9	55.1	45.3	9.8
1974	224.6	102.8	121.8	100.9	20.9	45.8	54.2	44.9	9.3
1975	223.6	102.0	121.6	101.8	19.8	46.6	53.4	45.4	8.9
1976	226.2	102.7	123.5	103.0	20.5	45.4	54.6	45.5	9.1
1977 <sup>3</sup>	226.2	100.5	125.7	104.7	21.0	44.4	55.6	46.3	9.3

See footnotes on page 196.



## CHAPTER V

### STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

Table 285.—Fruits and planted nuts: Bearing area, United States, 1963-77

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1963.....	775.4	1,688.7	89.3	232.8	2,785.8	1971.....	1,180.8	1,540.4	82.7	260.8	3,164.7
1964.....	781.4	1,666.6	90.2	236.9	2,798.1	1972.....	1,154.0	1,521.0	84.9	279.0	3,139.5
1965.....	830.3	1,645.7	86.4	274.6	2,837.0	1973.....	1,174.5	1,527.9	87.5	293.6	3,183.5
1966.....	881.1	1,624.4	84.3	280.3	2,870.1	1974.....	1,177.8	1,562.3	90.8	416.0	3,246.9
1967.....	951.7	1,606.1	83.5	287.3	2,928.6	1975.....	1,181.3	1,700.5	94.8	435.8	3,412.4
1968.....	1,001.5	1,602.1	81.9	298.3	2,983.8	1976.....	1,178.4	1,645.5	100.7	448.0	3,372.6
1969.....	1,065.2	1,598.3	81.3	315.3	3,060.1	1977 <sup>5</sup> .....	1,162.5	1,657.0	107.8	471.0	3,399.5
1970.....	1,122.6	1,560.0	81.4	339.4	3,103.4						

<sup>1</sup> Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Nectarines, figs, olives, avocados, dates, persimmons, and pomegranates.

<sup>4</sup> Walnuts, almonds, and filberts.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 298.

## 202 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 286.—Fruits: Production in tons, United States, 1963-77<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963.....	2,876	1,770	473	3,793	181	490	190	63	87
1964.....	3,160	1,726	738	3,478	393	647	220	67	84
1965.....	3,070	1,737	500	4,351	365	606	220	61	80
1966.....	2,881	1,695	748	3,734	306	492	194	68	63
1967.....	2,718	1,344	484	3,060	200	384	148	42	14
1968.....	2,735	1,818	824	3,840	229	534	149	52	86
1969.....	3,410	1,842	737	3,898	286	496	229	59	70
1970.....	3,199	1,498	849	3,103	246	787	175	50	82
1971.....	3,167	1,441	740	3,894	280	582	186	46	55
1972.....	2,939	1,186	612	2,879	232	359	128	36	24
1973.....	3,133	1,295	730	4,198	246	783	158	43	70
1974.....	3,290	1,450	742	4,190	270	650	94	45	59
1975.....	3,765	1,419	749	4,366	301	650	183	38	67
1976.....	3,240	1,510	841	4,398	246	643	155	32	80
1977 <sup>3</sup> .....	3,328	1,496	787	4,298	255	720	147	42	43

  

Year	Avocados	Nectar- ines	Cran- berries	Bananas	Bush- berries	Dates	Papayas	Per- simmons	Pome- granates
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963.....	61	87	63	3	36	22	8	3	4
1964.....	37	75	66	5	37	24	12	2	4
1965.....	61	67	71	4	42	21	10	2	3
1966.....	80	98	79	4	49	21	9	2	3
1967.....	82	85	70	4	44	21	11	1	2
1968.....	74	64	73	3	38	23	13	2	3
1969.....	46	66	91	3	43	17	10	2	7
1970.....	86	67	102	3	40	18	12	2	8
1971.....	45	70	113	3	35	20	10	1	9
1972.....	89	87	104	3	31	16	13	3	7
1973.....	74	87	105	4	22	23	16	2	6
1974.....	127	117	112	3	33	23	19	3	8
1975.....	87	111	104	3	32	28	20	2	9
1976.....	141	128	120	3	29	22	25	2	9
1977 <sup>4</sup> .....	100	150	105	3	29	25	32	2	10

  

Year	Oranges	Tanger- ines	Grape- fruit	Lemons	Limes	Tangelos	Tempos	Straw- berries, com- mercial crop	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963.....	4,397	103	1,429	494	16	34	90	255	16,946
1964.....	3,752	182	1,377	724	18	41	153	274	17,286
1965.....	4,988	200	1,667	540	23	45	171	216	18,996
1966.....	5,808	193	1,894	599	17	54	202	232	19,395
1967.....	7,924	227	2,286	681	17	76	225	237	20,616
1968.....	5,436	183	1,781	641	29	76	202	263	18,659
1969.....	7,898	197	2,307	600	28	81	202	243	22,758
1970.....	8,023	189	2,186	574	29	113	234	248	21,593
1971.....	8,205	234	2,473	625	35	122	225	260	23,005
1972.....	8,237	220	2,627	634	44	162	239	230	20,861
1973.....	9,737	223	2,676	844	44	140	230	240	25,128
1974.....	9,386	210	2,662	676	42	167	239	268	24,681
1975.....	10,241	228	2,804	1,118	44	212	239	272	26,795
1976.....	10,493	235	2,850	670	43	248	248	286	26,698
1977 <sup>5</sup> .....	10,595	249	3,029	973	40	216	171	325	27,179

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested on account of economic abandonment.<sup>2</sup> Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.<sup>3</sup> Preliminary.<sup>4</sup> Prior to 1970, growers' marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop, growers' marketing season is from Aug. 1 to July 31.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 299.

Table 287.—Apples, commercial crop: <sup>1</sup> Production and season average price per pound, by States, 1975-77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ark.....	22.5	11.0	24.0	21.1	11.0	23.5	7.9	11.1	8.8
Calif.....	460.0	480.0	480.0	460.0	480.0	480.0	8.8	6.3	7.8
Colo.....	105.0	74.0	75.0	95.0	74.0	75.0	5.4	8.0	9.3
Conn.....	80.0	33.0	46.0	47.5	33.0	43.0	10.7	13.9	13.5
Del.....	14.0	13.0	13.5	14.0	13.0	13.5	6.5	9.5	10.4
Idaho.....	95.0	125.0	22.0	95.0	125.0	20.0	11.1	9.2	9.2
Ill.....	115.0	86.0	108.0	112.0	86.0	105.0	7.6	10.2	14.9
Ind.....	88.0	25.0	52.0	76.0	25.0	50.3	8.1	12.4	10.8
Iowa.....	9.3	6.0	10.7	9.3	6.0	10.5	10.2	10.6	12.5
Kans.....	17.0	11.4	16.0	16.6	11.4	16.0	8.7	7.9	8.8
Ky.....	22.0	14.0	22.0	21.4	13.7	19.8	9.7	10.8	10.7
Maine.....	74.0	75.0	92.0	73.0	75.0	88.0	10.3	13.5	11.9
Md.....	86.0	65.0	70.0	79.0	63.0	70.0	7.0	9.8	12.2
Mass.....	108.0	95.0	95.0	98.0	95.0	92.0	10.4	14.6	12.8
Mich.....	700.0	480.0	570.0	690.0	480.0	570.0	5.1	8.8	7.9
Minn.....	18.5	23.5	19.9	18.5	23.5	19.9	12.9	11.8	10.4
Mo.....	77.0	50.0	58.0	67.0	50.0	58.0	12.4	15.3	13.0
N.H.....	60.0	57.0	58.0	55.0	57.0	57.5	10.4	13.1	12.6
N.J.....	135.0	90.0	130.0	110.0	90.0	130.0	6.4	9.1	9.6
N. Mex.....	11.0	30.0	31.0	11.0	26.0	31.0	12.5	11.8	11.7
N. Y.....	1,020.0	820.0	900.0	860.0	820.0	900.0	6.8	7.9	8.6
N. C.....	318.0	265.0	270.0	290.0	265.0	264.0	5.9	9.1	8.7
Ohio.....	180.0	105.0	182.0	182.0	105.0	155.0	9.6	14.4	15.5
Ore.....	150.0	170.0	147.0	150.0	170.0	147.0	4.8	7.2	9.2
Pa.....	550.0	360.0	460.0	503.5	359.0	460.0	5.9	8.3	9.1
R. I.....	6.7	5.3	5.5	5.7	5.3	5.0	11.5	12.8	13.1
S. C.....	24.0	23.0	25.0	21.0	23.0	25.0	10.1	10.4	8.8
Tenn.....	10.0	8.0	10.0	10.0	8.0	10.0	10.6	10.9	10.6
Utah.....	49.0	40.0	47.0	44.0	40.0	47.0	6.3	9.3	15.6
Va.....	47.0	47.0	47.0	42.0	47.0	44.0	10.3	12.4	12.5
Wash.....	430.0	212.0	290.0	395.0	212.0	290.0	5.0	7.0	8.4
W. Va.....	2,200.0	2,308.0	2,090.0	2,200.0	2,308.0	2,090.0	6.1	9.2	12.8
Wis.....	240.0	200.0	195.0	216.0	200.0	195.0	5.4	8.3	9.8
Wis.....	64.0	82.0	56.0	64.0	52.0	86.0	9.4	11.8	12.5
U.S.....	7,530.0	6,479.2	6,655.6	7,102.6	6,472.9	6,626.0	6.5	9.1	10.5

See footnotes on page 212.

Table 288.—Apples, commercial crop: Total production by varieties, United States, 1971-77

Variety	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Cortland.....	180.2	125.7	127.1	146.6	147.5	124.5	143.9
Delicious.....	1,788.1	1,729.4	2,178.3	2,126.9	2,631.8	2,460.3	2,280.9
Golden Delicious.....	802.5	921.9	977.6	1,079.1	1,115.2	1,168.8	1,189.5
Gravenstein.....	83.6	107.2	84.2	84.0	90.0	91.0	90.0
Jonathan.....	403.8	281.7	381.6	361.0	434.7	304.6	350.0
McIntosh.....	770.6	636.5	499.2	728.9	699.0	543.3	687.2
Northern Spy.....	122.3	114.9	83.5	93.2	102.7	80.0	104.8
R. I. Greening.....	170.5	121.9	68.5	117.0	150.6	95.0	121.0
Rome Beauty.....	539.3	458.0	513.3	494.2	608.3	482.4	464.8
Stayman.....	287.1	221.3	237.3	246.9	277.9	171.1	199.1
Winesap.....	166.2	162.4	168.1	166.7	163.4	157.5	147.2
Yellow Newtown.....	146.3	153.4	163.5	135.0	129.0	154.0	152.0
York Imperial.....	360.4	273.9	341.7	267.2	341.6	163.3	260.3
Other varieties.....	552.4	468.6	443.1	530.0	595.3	453.4	457.9
Total.....	6,373.2	5,878.8	6,265.0	6,579.7	7,530.0	6,479.2	6,655.6

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 289.—Apples: Production and value, United States, 1963-77

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1963.....	5,752.6	5,720.3	4.07	233,031	1971.....	6,373.2	6,082.7	4.92	299,154
1964.....	6,319.4	6,240.3	3.86	241,067	1972.....	5,878.8	5,867.5	6.43	377,475
1965.....	6,140.2	6,001.0	4.32	259,063	1973.....	6,265.0	6,251.5	8.80	548,965
1966.....	5,761.4	5,650.2	4.47	252,379	1974.....	6,379.7	6,329.3	8.40	531,000
1967.....	5,436.0	5,406.5	5.57	300,856	1975.....	7,530.0	7,102.6	6.5	460,894
1968.....	5,469.0	5,446.4	6.11	332,853	1976.....	6,472.9	6,472.9	9.1	587,188
1969.....	6,819.6	6,700.4	4.06	272,345	1977 <sup>3</sup> .....	6,655.6	6,626.0	10.5	692,532
1970.....	6,367.7	6,238.4	4.54	283,869					

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Fresh fruit prices are equivalent returns at packinghouse door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-63 in *Agricultural Statistics, 1978*, table 301.Table 290.—Apples, fresh (dessert and cooking): Production in specified countries, 1975-77 <sup>1</sup>

Continent and country	1975	1976	1977 <sup>2</sup>	Continent and country	1975	1976	1977 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Continued			
Canada <sup>3</sup> .....	460	409	412	Yugoslavia.....	370	486	367
Mexico.....	230	329	276	Total.....	2,117	2,158	1,712
United States <sup>3</sup> .....	3,415	2,912	3,053	Total Europe.....	9,527	8,821	6,741
Total.....	4,105	3,650	3,741				
Europe:				Asia:			
Belgium and Luxembourg.....	267	241	121	Japan.....	898	879	922
Denmark <sup>3</sup> .....	88	71	88	Turkey.....	900	1,000	835
France <sup>4</sup> .....	2,125	1,710	1,261	Total.....	1,798	1,879	1,757
Germany, Fed. Rep. of.....	2,035	1,487	1,175				
Italy.....	2,127	2,143	1,810	Southern Hemisphere:			
Netherlands.....	430	380	340	Argentina.....	608	576	820
United Kingdom <sup>4</sup> .....	338	331	234	Australia.....	275	308	240
Total EC.....	7,410	6,363	5,029	Chile.....	130	135	131
Austria <sup>4</sup> .....	213	226	200	New Zealand.....	153	164	164
Greece.....	250	255	232	South Africa.....	341	381	270
Norway.....	44	56	42	Total.....	1,507	1,564	1,645
Spain.....	1,091	1,008	726	Total specified countries.....	16,937	15,614	13,884
Sweden <sup>4</sup> .....	43	35	40				
Switzerland <sup>4</sup> .....	106	92	105				

<sup>1</sup> May include some cider varieties in countries not reporting separately.<sup>2</sup> Preliminary.<sup>3</sup> Commercial crop.<sup>4</sup> Excludes cider apples reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 291.—Apples, commercial crop: Production and utilization, United States, 1963-77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Frozen	Other <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	5,752.6	5,720.3	41.2	5,679.1	3,405.6	1,149.9	172.0	165.4	783.2
1964.....	6,319.4	6,240.3	( <sup>2</sup> )	( <sup>2</sup> )	3,568.9	1,310.3	135.9	188.9	1,025.8
1965.....	6,140.2	6,001.0	—	—	3,382.6	1,208.6	184.2	218.2	907.4
1966.....	5,761.4	5,650.2	—	—	3,329.5	1,043.5	254.4	199.8	923.0
1967.....	5,436.0	5,405.5	—	—	3,178.3	1,106.8	159.6	258.1	702.7
1968.....	5,469.0	5,446.4	—	—	3,193.3	1,175.2	173.7	228.3	675.9
1969.....	6,819.6	6,709.4	—	—	3,700.7	1,399.7	282.7	246.7	1,079.6
1970.....	6,397.7	6,258.4	—	—	3,531.5	1,155.5	189.8	203.0	1,175.6
1971.....	6,372.2	6,082.7	—	—	3,483.9	1,093.5	96.2	190.5	1,218.6
1972.....	5,575.3	5,567.5	—	—	2,342.0	975.9	145.6	235.3	1,164.7
1973.....	6,265.0	6,251.5	—	—	3,539.4	1,255.4	247.7	259.2	1,040.8
1974.....	6,579.7	6,329.8	—	—	3,690.5	1,225.8	167.2	181.7	1,234.8
1975.....	7,530.0	7,102.6	—	—	4,357.0	1,026.7	229.5	306.6	1,282.8
1976.....	6,479.2	6,472.9	—	—	3,921.8	1,919.9	229.3	220.4	1,181.5
1977.....	6,655.6	6,626.0	—	—	3,800.6	1,068.9	220.5	160.9	1,375.1

<sup>1</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.<sup>2</sup> Estimates discontinued.<sup>3</sup> Beginning 1964, includes "Home use."<sup>4</sup> Includes the following quantities of juice and cider (million pounds): 1969—836.1; 1970—1,031.7; 1971—1,057.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; and 1977—1,256.2.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1972*, table 363.

Table 292.—Apples, commercial crop: Production and utilization, by States, crop of 1977 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Juice and cider
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Calif.....	480.0	480.0	75.0	102.0	64.0	( <sup>2</sup> )	197.0
Mich.....	570.0	570.0	225.0	112.0	( <sup>2</sup> )	78.0	145.0
N.Y.....	900.0	900.0	380.0	243.0	35.0	42.0	205.0
Oreg.....	147.0	147.0	109.0	21.6	( <sup>2</sup> )	( <sup>2</sup> )	14.1
Pa.....	480.0	480.0	166.1	186.9	( <sup>2</sup> )	10.4	89.9
Va.....	290.0	290.0	90.0	102.9	—	( <sup>2</sup> )	71.2
Wash.....	2,060.0	2,060.0	1,000.0	87.0	116.0	—	246.0
W.Va.....	195.0	195.0	74.4	65.6	—	7.1	43.3
Other States <sup>4</sup> .....	1,553.6	1,524.0	1,101.1	147.9	5.5	25.4	246.7
U.S.....	6,655.6	6,626.0	3,800.6	1,068.9	220.5	160.9	1,256.2

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly vinegar, wine, and jam.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup> Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## 206 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 293.—Apples: International trade, 1974-76

Continent and country	1974		1975		1976	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>North America:</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	35,235	61,770	39,096	67,138	45,008	79,673
Mexico.....	8,159	—	—	—	—	—
United States.....	35,397	36,100	109,824	38,993	118,736	52,709
<b>Total.....</b>	<b>120,632</b>	<b>103,029</b>	<b>148,920</b>	<b>106,131</b>	<b>160,744</b>	<b>132,381</b>
<b>South America:</b>						
Argentina.....	280,041	—	245,549	—	258,233	—
Chile.....	29,303	—	45,332	—	61,349	—
<b>Total.....</b>	<b>309,344</b>	<b>—</b>	<b>290,881</b>	<b>—</b>	<b>319,582</b>	<b>—</b>
<b>Europe:</b>						
Austria.....	41,300	43,866	96	56,599	5,215	66,781
Belgium and Luxembourg.....	66,608	92,212	48,523	97,288	60,365	103,328
Denmark.....	16,696	22,632	23,711	19,592	16,908	27,783
Finland.....	—	43,846	—	48,275	—	59,735
France:						
Table.....	621,679	58,707	578,262	85,700	640,322	80,832
Cider.....	4,302	—	7,217	—	855	—
Germany, Fed. Rep. of.....	13,720	636,413	24,577	604,895	29,984	608,601
Ireland.....	—	27,954	—	25,803	—	29,885
Italy.....	365,362	20,239	399,540	19,189	461,387	21,008
Netherlands.....	136,623	128,922	184,306	154,775	123,014	161,901
Norway.....	—	32,756	—	28,776	—	39,175
Sweden.....	2,599	67,374	2,062	64,732	2,672	64,608
Switzerland:						
Table <sup>1</sup> .....	284	32,447	467	31,199	409	13,418
Cider <sup>1</sup> .....	311	7,304	135	82	48	—
United Kingdom.....	—	311,345	—	330,018	—	381,396
Yugoslavia.....	5,909	10	441	—	1,022	—
<b>Total.....</b>	<b>1,274,462</b>	<b>1,525,927</b>	<b>1,239,437</b>	<b>1,566,892</b>	<b>1,342,198</b>	<b>1,658,251</b>
<b>Africa:</b>						
Morocco.....	14	—	4	502	—	—
South Africa.....	145,591	62	171,769	—	193,115	—
<b>Total.....</b>	<b>145,605</b>	<b>62</b>	<b>171,773</b>	<b>502</b>	<b>193,115</b>	<b>—</b>
<b>Asia:</b>						
Hong Kong.....	13,766	46,214	12,734	53,185	7,087	51,636
Japan.....	5,477	406	832	1,195	1,309	168
Philippines.....	—	4,698	—	4,586	—	—
<b>Total.....</b>	<b>19,243</b>	<b>51,318</b>	<b>13,566</b>	<b>58,966</b>	<b>8,396</b>	<b>51,804</b>
<b>Oceania:</b>						
Australia.....	79,096	—	88,380	—	61,180	—
New Zealand.....	63,760	—	69,836	—	79,832	—
<b>Total.....</b>	<b>142,856</b>	<b>—</b>	<b>158,216</b>	<b>—</b>	<b>141,012</b>	<b>—</b>
<b>World total.....</b>	<b>2,012,045</b>	<b>1,680,336</b>	<b>2,022,793</b>	<b>1,732,491</b>	<b>2,165,947</b>	<b>1,842,436</b>

<sup>1</sup> Includes pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

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Table 294.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1974-76

Country	Year beginning July			Country	Year beginning July		
	1974	1975	1976		1974	1975	1976
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS—continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean—			
Denmark.....	92			Continued			
Finland.....	1,583	1,590	2,488	Netherlands Antilles.....	614	793	737
France.....	62	9	58	Trinidad and Tobago.....	144	475	582
Germany, Fed. Rep. of.....	13			Other countries.....			129
Iceland.....	799	624	778				
Ireland.....	1,353	591	296	<b>Total.....</b>	<b>2,510</b>	<b>3,419</b>	<b>3,878</b>
Netherlands.....	167	13	487				
Norway.....	1,443	2,065	1,807	Other countries:			
Sweden.....	2,075	1,316	2,642	Canada.....	56,914	41,629	54,488
United Kingdom.....	5,816	4,228	1,438	China, Rep. of.....	3,022	2,005	2,763
Other countries.....	61			French Pacific Islands.....	394	438	348
<b>Total.....</b>	<b>13,464</b>	<b>10,436</b>	<b>9,944</b>	Hong Kong.....	10,838	13,104	11,048
				Indonesia.....	498	1,695	2,014
Latin America:				Liberia.....	24	73	182
Brazil.....	409	1,210	410	Malaysia.....	226	395	1,316
Colombia.....		248	1,855	New Zealand.....	605	584	730
Costa Rica.....	188	176	393	Other Pacific Islands.....	76	174	164
Ecuador.....	621	554	661	Philippines.....	380	927	606
Guatemala.....	656	823	1,071	Singapore.....	3,201	5,908	6,776
Honduras.....	330	396	623	Thailand.....	679	1,166	974
Mexico.....	7,316	9,594	7,372	Other countries.....	188	113	97
Nicaragua.....	264	211	340	<b>Total.....</b>	<b>76,745</b>	<b>68,411</b>	<b>83,065</b>
Panama.....	221	713	570				
Surinam.....	33	44	68	<b>Grand total.....</b>	<b>106,090</b>	<b>102,255</b>	<b>120,063</b>
Venezuela.....	3,231	5,928	0,753				
Other countries.....	62	290	60				
<b>Total.....</b>	<b>13,371</b>	<b>19,989</b>	<b>23,176</b>	<b>IMPORTS</b>			
Bermuda and Caribbean:				Argentina.....	204		
Bahamas.....	686	668	578	Australia.....	1,803	1,046	164
Barbados.....	35	23	177	Canada.....	26,671	31,298	33,624
Bermuda.....	330	406	292	Chile.....	600	1,786	430
Dominican Republic.....	531	901	1,282	France.....		1,741	71
Haiti.....	94	69	74	New Zealand.....	5,209	10,060	10,442
Jamaica.....	25	25	3	South Africa.....	1	9,707	3,682
Leeward and Windward Islands.....	51	27	26	United Kingdom.....	100		
				Other countries.....	40	74	22
				<b>Total.....</b>	<b>34,628</b>	<b>55,890</b>	<b>47,776</b>

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 295.—Apples:<sup>1</sup> Foreign trade, United States, 1963-76

Year beginning July <sup>2</sup>	Imports, fresh and dried, in terms of fresh	Domestic exports			Year beginning July <sup>2</sup>	Imports, fresh and dried, in terms of fresh	Domestic exports		
		Fresh	Dried, in terms of fresh	Canned, in terms of fresh			Fresh	Dried, in terms of fresh	Canned, in terms of fresh
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1963.....	1,652	4,210	529	73	1970.....	2,104	2,099	192	.....
1964.....	947	4,595	626	74	1971.....	1,781	2,483	101	.....
1965.....	765	5,539	670	.....	1972.....	2,349	3,111	246	.....
1966.....	1,445	4,068	308	.....	1973.....	1,941	3,714	285	.....
1967.....	2,674	2,927	248	.....	1974.....	1,605	4,873	172	.....
1968.....	2,612	1,577	204	.....	1975.....	2,563	4,705	172	.....
1969.....	1,876	2,342	157	.....	1976 <sup>3</sup> .....	2,550	5,680	209	.....

<sup>1</sup> Dried and canned are converted to terms of fresh apples on following basis: 1 pound dried is equivalent to 8 pounds fresh; 1 pound of canned is equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.<sup>2</sup> Year beginning October for 1976.<sup>3</sup> July-December average. Not reported separately after 1964.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 301.



## 208 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 296.—Apples, western: Average auction price per box, all grades, New York, 1963-77

Season beginning July	Golden Delicious	Rome Beauty <sup>1</sup>	Delicious	Yellow Newtown	Winesap	Average <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	4.84	3.54	5.15	4.21	5.11	4.97
1964.....	4.31	4.21	5.33	-----	4.35	5.09
1965.....	4.47	4.60	5.55	-----	5.66	5.89
1966.....	4.80	4.11	5.91	-----	5.71	5.82
1967.....	6.02	3.95	6.75	-----	6.82	6.51
1968.....	6.10	5.12	7.04	-----	5.20	7.00
1969.....	4.06	3.14	4.82	-----	4.53	4.33
1970.....	5.48	2.76	6.45	-----	4.02	6.31
1971.....	5.76	4.37	6.38	-----	5.08	6.12
1972.....	6.36	5.04	6.65	-----	6.08	7.05
1973.....	7.76	5.00	6.58	-----	8.25	8.27
1974.....	8.81	7.04	9.88	-----	7.44	9.38
1975.....	8.22	5.16	8.41	-----	6.72	8.11
1976.....	7.57	3.67	9.85	-----	5.04	7.71
1977 <sup>3</sup> .....	8.62	7.29	10.70	-----	6.01	9.61

<sup>1</sup> "Rome Beauty" no longer reported. Beginning 1971, prices quoted are for "Red Rome" variety.<sup>2</sup> Weighted average of varieties shown in this table.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1949-62 in *Agricultural Statistics, 1972*, table 307.Table 297.—Apricots: Production and value, United States, 1963-77<sup>1</sup>

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	Tons	Tons	Dollars	1,000 dollars		Tons	Tons	Dollars	1,000 dollars
1963.....	198,500	197,850	126.00	24,870	1971.....	188,480	148,850	94.80	14,112
1964.....	230,100	218,000	122.00	28,806	1972.....	127,600	137,470	144.00	18,331
1965.....	226,000	210,940	93.00	19,629	1973.....	157,900	157,690	168.00	26,442
1966.....	193,500	192,400	123.00	23,569	1974.....	93,550	93,550	270.00	25,281
1967.....	147,900	147,525	158.00	23,357	1975.....	182,600	175,600	214.00	37,609
1968.....	149,400	149,280	183.00	27,348	1976.....	154,800	128,440	200.00	25,703
1969.....	228,600	228,450	143.00	32,640	1977 <sup>3</sup> .....	147,400	142,400	209.00	29,765
1970.....	175,000	174,700	111.00	19,342					

<sup>1</sup> Production, price, and value for California, Utah, and Washington.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 308.

Table 298.—Apricots: Production and season average price per ton, by States, 1975-77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Calif.....	179,000	150,000	143,000	172,000	124,000	138,000	212.00	198.00	206.00
Utah.....	500	2,000	1,800	500	1,840	1,800	385.00	162.00	249.00
Wash.....	3,100	2,600	2,600	3,100	2,600	2,600	307.00	328.00	342.00
Total.....	182,600	154,600	147,400	175,600	128,440	142,400	214.00	200.00	209.00

<sup>1</sup> Preliminary.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 299.—Apricots, fresh: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Asia:			
Canada.....	3.8	3.3	3.4	Turkey <sup>2</sup> .....	165.0	176.0	125.0
United States.....	163.7	140.3	133.7				
Total.....	169.5	143.6	137.1	Southern Hemisphere:			
Europe:				Argentina.....	19.0	22.0	26.0
Austria.....	9.3	9.5	4.3	Australia.....	27.3	26.3	26.7
France.....	58.0	133.0	71.0	Chile.....	4.8	5.0	15.1
Germany, Fed. Rep. of.....	1.2	1.4	1.8	New Zealand.....	6.0	5.3	6.3
Greece.....	61.0	74.0	69.0	South Africa.....	23.5	22.6	36.6
Italy.....	101.9	98.7	90.0	Total.....	80.4	81.3	110.7
Spain.....	131.0	214.5	63.8	Total specified countries.....	798.3	966.5	697.4
Switzerland.....	1.6	8.8	5.0				
Yugoslavia.....	20.0	25.7	19.7				
Total.....	383.4	565.6	324.6				

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild apricots.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 300.—Apricots: Production and utilization, United States, <sup>1</sup> 1963-77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>2</sup>	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1963.....	198,500	197,850	1,020	196,830	16,530	125,400	47,906	7,000
1964.....	220,100	218,000	(7)	(7)	*20,340	151,760	37,400	8,500
1965.....	226,000	210,940			* 15,140	156,000	30,800	9,000
1966.....	193,500	192,400			18,530	126,370	39,000	8,500
1967.....	147,900	147,525			11,555	106,270	22,000	7,700
1968.....	149,400	149,280			11,885	106,095	23,100	8,200
1969.....	228,600	228,450			12,700	164,450	41,800	9,500
1970.....	175,000	174,700			14,840	116,060	36,400	7,700
1971.....	186,450	148,850			16,920	99,580	26,000	8,400
1972.....	127,600	127,470			10,050	93,020	18,000	6,400
1973.....	157,900	157,690			11,870	116,720	19,500	9,600
1974.....	93,550	93,550			8,450	62,500	17,000	5,600
1975.....	182,600	175,000			10,100	122,800	28,500	14,200
1976.....	154,600	128,440			12,840	76,200	29,300	10,100
1977 <sup>3</sup> .....	147,400	142,400			12,060	81,340	38,500	10,500

<sup>1</sup> California, Utah, and Washington.<sup>2</sup> Includes some quantities frozen or otherwise processed.<sup>3</sup> Estimates discontinued.<sup>4</sup> Beginning 1964, includes "Home use."<sup>5</sup> Beginning 1965, includes some quantities canned.<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-63 in *Agricultural Statistics, 1978*, table 311.

## 210 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 301.—Apricots: Production and utilization, by States, crop of 1977 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
Calif.....	143,000	138,000	8,000	81,000	38,800	10,500
Utah.....	1,800	1,800	( <sup>1</sup> )	( <sup>1</sup> )	.....	.....
Wash.....	2,600	2,600	( <sup>1</sup> )	( <sup>1</sup> )	.....	.....
U.S.....	147,400	142,400	12,080	81,340	38,800	10,500

<sup>1</sup> Missing data not published to avoid disclosure of individual operations, but included in U. S. total.<sup>2</sup> Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 302.—Apricots: Foreign trade, United States, 1963-76

Year beginning July 1	Domestic exports					Year beginning July 1	Domestic exports				
	Fresh	Canned <sup>a</sup>	Dried <sup>b</sup>	Dried, in fruit salad <sup>c</sup>	Total, in terms of fresh <sup>d</sup>		Fresh	Canned <sup>a</sup>	Dried <sup>b</sup>	Dried, in fruit salad <sup>c</sup>	Total, in terms of fresh <sup>d</sup>
	Tons	1,000 pounds	Tons	Tons	Tons		Tons	1,000 pounds	Tons	Tons	Tons
1963.....	2,693	7,840	975	366	12,489	1970.....	2,139	2,746	325	309	7,230
1964.....	2,102	6,609	1,404	386	13,751	1971.....	3,501	4,262	609	224	9,700
1965.....	4,826	10,249	1,550	486	20,382	1972.....	1,668	5,520	919	215	10,011
1966.....	2,002	6,003	1,293	335	13,580	1973.....	2,344	5,182	919	243	10,019
1967.....	1,338	2,710	613	310	7,472	1974.....	1,481	1,450	587	238	6,586
1968.....	955	2,471	460	243	5,777	1975.....	2,024	2,111	890	250	9,489
1969.....	4,012	4,216	693	266	10,901	1976 <sup>1</sup> .....	1,992	2,405	1,164	440	11,099

<sup>1</sup> Year beginning October for 1976.<sup>2</sup> Net processed weight.<sup>3</sup> Dried apricots are 12 3/4 percent of total dried fruit for salad.<sup>4</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 308.Table 303.—Avocados: Production, season average price per ton, and value, United States, 1963-64 to 1977-78 <sup>1</sup>

Season	California			Florida			California and Florida <sup>4</sup>		
	Production <sup>2</sup>	Price <sup>3</sup>	Value	Production <sup>2</sup>	Price <sup>3</sup>	Value	Production <sup>2</sup>	Price	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963-64.....	46,800	259	12,121	13,900	142	1,974	60,700	232	14,095
1964-65.....	24,000	520	12,480	12,740	180	2,293	36,740	402	14,773
1965-66.....	58,000	282	15,196	2,800	450	1,260	60,800	271	16,456
1966-67.....	74,500	302	15,049	5,800	224	1,299	80,300	204	16,348
1967-68.....	37,400	480	17,204	14,700	188	2,764	52,100	383	19,968
1968-69.....	61,100	300	18,330	12,600	237	2,986	73,700	289	21,316
1969-70.....	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970-71.....	67,000	378	25,192	18,800	290	5,452	85,800	357	30,644
1971-72.....	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73.....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74.....	83,400	793	42,346	20,300	355	7,307	73,700	672	49,553
1974-75.....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76.....	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77.....	120,000	590	70,800	21,100	410	8,651	141,100	563	79,451
1977-78 <sup>1</sup> .....	98,000	675	66,150	10,700	690	7,383	108,700	676	73,533

See footnotes on page 212.

Table 304.—Avocados: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports	Year beginning July <sup>1</sup>	Imports	Year beginning July <sup>1</sup>	Imports
	Tons		Tons		Tons
1963.....	7	1968.....	100	1973.....	1,126
1964.....	36	1969.....	399	1974.....	1,060
1965.....	125	1970.....	572	1975.....	1,471
1966.....	295	1971.....	1,132	1976 <sup>1</sup> .....	2,198
1967.....	187	1972.....	976		

<sup>1</sup> Year beginning October for 1976.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 314.

Table 305.—Bananas: Area, yield, production, price, and value, Hawaii, 1963-77

Year	Area harvested	Yield per acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1963.....	760	8.2	6,245	7.8	484	1971.....	725	8.1	5,865	11.6	680
1964.....	890	10.1	9,010	7.7	690	1972.....	720	8.3	6,000	12.0	720
1965.....	950	7.5	7,100	7.7	545	1973.....	960	11.1	7,295	10.6	773
1966.....	1,010	8.6	8,730	7.7	688	1974.....	610	10.8	6,600	13.1	803
1967.....	1,010	8.0	8,095	7.0	567	1975.....	630	9.8	6,200	13.6	856
1968.....	965	6.7	6,455	7.7	490	1976.....	550	9.1	5,030	15.5	780
1969.....	930	6.6	6,170	9.4	580	1977 <sup>3</sup> .....	550	10.5	5,800	15.6	905
1970.....	790	7.4	5,600	10.6	594						

<sup>1</sup> Derived from total production.

<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 60 in 1965.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 306.—Bushberries: Area, yield, production, utilization, price, and value, United States, 1963-77

Year	Area harvested	Yield per acre <sup>1</sup>	Production		Utilization		Price per pound <sup>2</sup>	Value
			Total	Utilized	Fresh	Processed		
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1963.....	14,040	5,116	71,837	71,505	3,130	68,375	15.9	11,345
1964.....	15,050	4,862	73,170	72,305	2,787	69,518	17.0	12,278
1965.....	17,010	4,662	83,492	83,083	2,874	80,209	18.5	15,381
1966.....	18,810	5,243	98,619	92,879	2,801	90,078	15.0	13,555
1967.....	18,390	4,901	88,282	83,953	3,903	80,150	13.3	11,142
1968.....	16,950	4,418	75,873	74,886	3,760	71,126	16.5	12,378
1969.....	16,480	5,213	86,048	85,904	3,790	82,114	23.5	20,148
1970.....	16,160	4,862	79,365	79,061	3,717	75,344	18.5	14,053
1971.....	15,410	4,387	69,016	67,607	4,153	63,454	18.1	12,358
1972.....	14,090	4,421	62,553	62,291	4,301	57,990	28.8	17,922
1973.....	11,710	3,694	43,694	43,260	3,722	39,538	46.4	20,061
1974.....	13,570	4,802	66,019	65,168	3,814	61,354	29.7	19,371
1975.....	12,100	5,180	64,570	62,672	3,923	58,749	22.0	13,799
1976.....	11,030	5,218	57,985	57,555	4,078	53,477	30.7	17,643
1977 <sup>3</sup> .....	11,060	5,266	58,921	58,245	3,727	54,518	49.7	28,933

<sup>1</sup> Yield is derived from total production through 1967; beginning 1968, yield is derived from utilized production.

<sup>2</sup> Price per pound is derived.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## 212 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 307.—Bushberries: Area, yield, production, utilization, price, and value, by States, 1977 (preliminary)

Crop and State	Area harvested	Yield per acre	Production		Utilization		Price per pound	Value
			Total	Utilized	Fresh	Processed		
BLACKBERRIES, CULTIVATED	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
Oreg.....	2,600	7,000	18,200	18,200	400	17,800	45.5	8,281
Wash.....	210	5,900	1,239	1,239	42	1,197	45.3	561
Total.....	2,810	8,918	19,439	19,439	442	18,997	45.5	8,842
ELDERBERRIES								
Wash.....	800	5,120	4,438	4,096	636	3,460	62.3	2,552
BOTANBERRIES AND YOUNGBERRIES								
Oreg.....	700	4,500	3,150	3,150	150	3,000	65.0	2,048
CURRENTS								
Wash.....	140	2,330	328	328	3	323	23.1	75
LOGANBERRIES								
Oreg.....	500	7,200	3,600	3,600	60	3,540	42.0	1,512
BLACK RASPBERRIES								
Oreg.....	1,300	1,920	2,300	2,300	100	2,200	62.0	1,426
Wash.....	110	1,720	190	190	4	186	64.7	123
Total.....	1,310	1,901	2,490	2,490	104	2,386	62.2	1,549
RED RASPBERRIES								
Oreg.....	2,000	5,250	10,500	10,500	700	9,800	51.0	5,355
Wash.....	2,800	5,250	14,900	14,644	1,632	13,012	47.8	7,000
Total.....	4,800	5,238	25,400	25,144	2,332	22,812	49.1	12,355

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 287

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Preliminary.<sup>3</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>4</sup> Estimates not available prior to the 1976 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 303

<sup>1</sup> Production, price, and value for California and Florida only.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.<sup>4</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Mar. 1 for Florida.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 214.

Table 308.—Cherries: Production and value, United States, 1963-77

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton	Value	Total production	Utilized production	Season average price per pound	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1963.....	151,010	150,150	40,300	70,200	69,960	359.00	24,800	161.6	161.6	9.5	15,410
1964.....	292,900	344,058	57,339	119,530	118,135	290.00	34,252	546.7	451.8	5.1	23,087
1965.....	264,730	248,194	45,323	87,820	86,780	332.00	28,854	353.8	322.8	5.1	16,469
1966.....	205,910	200,546	67,833	115,910	111,050	389.00	43,237	180.0	179.0	13.7	24,596
1967.....	199,980	199,143	75,167	110,990	110,153	400.00	44,113	178.0	178.0	17.4	31,054
1968.....	228,861	228,464	81,282	91,121	90,810	426.00	39,548	275.5	275.3	15.2	41,734
1969.....	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970.....	248,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971.....	270,940	277,090	70,953	141,590	139,990	315.00	44,047	277.3	276.0	9.8	26,818
1972.....	251,950	230,140	58,737	96,080	95,840	382.00	36,549	311.8	265.6	8.2	22,088
1973.....	245,330	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974.....	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975.....	301,160	278,960	88,572	155,910	155,910	407.00	63,484	290.5	246.1	10.2	25,058
1976.....	246,210	240,980	104,280	172,910	167,680	402.00	67,474	146.6	146.6	25.1	36,806
1977 <sup>1</sup> .....	234,850	253,550	135,447	147,800	146,500	495.00	72,545	214.1	214.1	29.4	62,902

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 316.

Table 309.—Cherries: Production and season average price, by States, 1975-77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>SWEET VARIETIES</b>	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Calif.....	30,500	51,000	27,000	30,500	46,700	27,000	552.00	456.00	581.00
Colo.....	400	500	550	400	500	550	615.00	596.00	690.00
Idaho.....	1,550	3,000	2,200	1,550	2,450	2,050	574.00	439.00	460.00
Mich.....	31,000	13,500	23,000	31,000	13,500	23,000	328.00	596.00	410.00
Mont.....	2,400	2,650	3,000	2,400	2,650	2,550	599.00	415.00	518.00
N. Y.....	6,800	2,800	1,800	6,800	2,120	1,800	275.00	394.00	532.00
Oreg.....	36,500	39,000	37,500	36,500	39,000	37,500	347.00	350.00	428.00
Pa.....	880	460	350	880	460	350	720.00	792.00	836.00
Utah.....	2,800	6,000	5,800	2,800	6,000	4,700	416.00	337.00	461.00
Wash.....	43,100	54,300	47,000	43,100	54,300	47,000	474.00	346.00	538.00
Total 10 States.....	155,910	172,910	147,800	155,910	167,680	146,500	407.00	402.00	495.00
<b>TART VARIETIES</b>	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents per pound	Cents per pound	Cents per pound
Colo.....	3.3	3.3	2.3	3.2	3.3	2.3	11.7	19.8	24.3
Mich.....	222.0	90.0	162.0	182.0	90.0	162.0	10.0	25.4	29.5
N. Y.....	27.4	14.3	11.8	25.0	14.3	11.8	10.5	24.6	29.5
Ohio.....	6.2	8.3	8.0	6.2	8.2	8.0	22.0	33.3	50.0
Oreg.....	12.8	7.6	6.4	11.5	7.6	6.4	10.8	26.3	29.2
Pa.....	8.0	17.0	11.2	8.0	17.0	11.2	9.5	23.7	28.6
Utah.....	10.4	5.9	12.2	9.7	5.9	12.2	10.7	25.9	28.9
Total 8 States.....	290.5	146.6	214.1	246.1	146.6	214.1	10.2	25.1	29.4

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## 214 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 310.—Cherries, fresh: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Continued			
Canada.....	20.2	13.6	15.3	Yugoslavia.....	97.8	102.3	86.6
United States.....	273.2	223.4	231.2	Total.....	797.2	811.0	585.9
Total.....	293.4	237.0	246.5	Asia:			
Europe:				Japan.....	13.4	17.1	16.3
Austria.....	27.0	23.6	17.9	Turkey.....	109.6	127.6	120.0
Belgium and Luxembourg.....	13.5	15.0	12.0	Total.....	123.0	144.7	136.3
Denmark.....	2.6	8.2	6.5	Southern Hemisphere:			
France.....	89.0	137.0	80.0	Argentina.....	3.0	2.0	2.4
Germany, Fed. Rep. of.....	237.9	212.8	182.1	Australia.....	9.8	9.7	6.7
Greece.....	30.0	28.0	24.0	Chile.....	4.7	5.0	5.4
Italy.....	190.4	156.3	140.0	Total.....	17.5	16.7	14.5
Netherlands.....	2.2	2.9	2.0	Total specified countries.....	1,331.1	1,209.4	980.2
Norway.....	4.7	8.7	4.2				
Spain.....	70.8	78.0	43.0				
Switzerland.....	23.5	31.2	14.6				
United Kingdom.....	7.8	10.0	3.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 311.—Cherries: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports		Domestic exports		Year beginning July <sup>1</sup>	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh		Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	11,603	8,656	2,706	2,955	1970.....	3,432	7,674	2,304	6,293
1964.....	5,104	6,920	21,385	4,066	1971.....	1,539	6,991	1,619	8,988
1965.....	1,977	7,183	33,634	4,687	1972.....	2,201	7,636	9,457	15,989
1966.....	5,180	8,404	3,786	4,620	1973.....	919	3,585	2,463	12,624
1967.....	5,626	8,623	3,390	3,727	1974.....	261	2,747	2,606	15,422
1968.....	11,033	9,138	3,155	5,180	1975.....	285	1,867	2,062	14,723
1969.....	2,696	8,421	15,072	7,337	1976 <sup>1</sup> .....	167	1,282	3,124	11,961

<sup>1</sup> Year beginning October for 1976.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce Data for 1944-62 in *Agricultural Statistics, 1978*, table 316.

## FOOTNOTES FOR TABLE 313

<sup>1</sup> Includes "Home use."<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.<sup>3</sup> Colorado, Idaho, Michigan, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, New York, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 312.—Cherries: Production and utilization, United States, <sup>1</sup> 1963-77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>1</sup>	Frozen	Brined <sup>2</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1963.....	70,200	69,360	1,680	67,680	31,790	8,790	26,740	26,740
1964.....	119,530	118,133	( <sup>4</sup> )	( <sup>4</sup> )	<sup>5</sup> 47,681	16,945	33,569	33,569
1965.....	87,820	86,780			30,004	13,175	43,001	43,001
1966.....	115,910	111,050			44,138	12,543	54,389	54,389
1967.....	110,990	110,153			42,202	14,402	53,459	53,459
1968.....	91,121	90,810			35,733	11,115	45,982	45,982
1969.....	128,310	126,960			49,820	19,335	57,805	57,805
1970.....	122,280	121,530			48,292	11,833	61,405	61,405
1971.....	141,390	139,990			68,627	<sup>6</sup> 13,998	58,355	58,355
1972.....	96,050	95,840			41,068	11,017	45,185	45,185
1973.....	158,630	154,630			82,539	16,948	54,543	54,543
1974.....	146,980	146,980			67,516	25,864	53,600	53,600
1975.....	155,910	155,910			77,800	14,520	63,890	63,890
1976.....	172,910	167,680			95,110	21,180	51,390	51,390
1977 <sup>7</sup> .....	147,800	146,500			72,400	21,900	52,110	52,110
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1963.....	161.6	161.6	2.0	159.6	7.8	61.7	88.7	1.4
1964.....	546.7	451.8	( <sup>4</sup> )	( <sup>4</sup> )	<sup>5</sup> 16.5	202.0	233.3	
1965.....	383.8	332.8			13.0	139.8	170.0	
1966.....	180.0	179.0			13.2	73.5	92.3	
1967.....	178.0	178.0			9.3	60.8	107.9	
1968.....	275.5	275.3			11.5	96.8	167.0	
1969.....	315.1	302.8			9.5	126.7	166.3	
1970.....	248.8	238.8			10.0	86.7	139.1	
1971.....	277.3	276.0			8.8	82.8	184.7	
1972.....	311.8	298.6			6.3	95.1	166.2	
1973.....	174.6	173.4			5.4	51.9	116.1	
1974.....	264.9	264.6			4.4	97.6	162.6	
1975.....	290.5	246.1			7.2	89.7	149.2	
1976.....	146.6	146.6			6.0	42.4	98.2	
1977 <sup>7</sup> .....	214.1	214.1			6.6	68.2	139.3	

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin.  
<sup>2</sup> For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. <sup>3</sup> Sweet varieties include small quantities used for juice, wine, brandy, canning, etc., through 1970; beginning 1971, brined only. <sup>4</sup> Estimates discontinued. <sup>5</sup> Beginning 1964, includes "Home use." <sup>6</sup> Sweet varieties, beginning 1971, include small quantities used for juice, wine, brandy, etc. <sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-52 in *Agricultural Statistics, 1972*, table 315.

Table 313.—Cherries: Production and utilization, by States, crop of 1977 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
<b>SWEET VARIETIES</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>	<b>Tons</b>
Calif.....	27,000	27,000	20,600	500	.....	5,900
Oreg.....	37,500	37,500	7,000	8,100	.....	22,400
Wash.....	47,000	47,000	34,800	8,800	.....	3,400
Other States <sup>3</sup> .....	36,300	28,000	10,000	4,590	.....	29,410
U.S.....	147,800	148,500	72,400	21,900	.....	52,110
<b>TART VARIETIES</b>	<b>Million pounds</b>	<b>Million pounds</b>	<b>Million pounds</b>	<b>Million pounds</b>	<b>Million pounds</b>	<b>Million pounds</b>
Mich.....	182.0	182.0	4.0	48.0	110.0	.....
Other States <sup>4</sup> .....	52.1	52.1	2.6	20.2	29.3	.....
U.S.....	214.1	214.1	6.6	68.2	139.3	.....

See footnotes on page 214.

## 216 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 314.—Citrus fruits: Production and value, United States, for season of 1963-64 to 1976-77

Season <sup>1</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes
Oranges <sup>4</sup>				Grapefruit				
1963-64.....	88,505	4.87	413,578	82,319	34,207	2.63	90,048	14,159
1964-65.....	116,360	3.16	367,266	74,004	41,027	1.90	78,147	18,911
1965-66.....	138,470	2.48	335,941	92,075	46,895	1.95	91,228	23,694
1966-67.....	182,850	1.84	337,309	134,063	55,676	1.38	76,886	30,438
1967-68.....	124,490	3.08	383,807	91,698	44,088	2.54	111,787	21,837
1968-69.....	182,780	2.43	448,973	138,621	54,170	1.68	90,842	31,503
1969-70.....	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201
1970-71.....	189,430	2.45	463,506	145,539	60,560	2.40	145,287	36,142
1971-72.....	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73.....	224,060	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74.....	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75.....	237,810	2.75	653,759	183,487	61,610	2.51	154,499	33,223
1975-76.....	242,780	2.80	678,717	192,540	70,080	2.31	164,802	37,536
1976-77 <sup>5</sup> .....	244,250	2.66	648,532	198,772	74,500	2.25	167,528	45,962
Lemons				Limes				
1963-64.....	19,040	2.67	50,749	9,585	450	4.39	1,976	213
1964-65.....	14,210	3.31	47,057	5,239	590	5.66	2,050	260
1965-66.....	15,770	3.29	51,885	6,900	416	4.90	2,054	140
1966-67.....	17,910	3.28	58,685	8,623	420	6.44	2,705	147
1967-68.....	16,850	3.85	64,939	7,452	720	4.49	3,233	377
1968-69.....	16,810	4.41	69,694	6,931	700	4.51	3,157	320
1969-70.....	15,120	4.55	73,294	5,879	725	5.71	4,140	351
1970-71.....	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72.....	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626
1972-73.....	22,200	4.38	97,128	11,232	1,100	6.10	6,710	583
1973-74.....	17,800	6.17	109,851	6,966	1,050	7.20	7,560	571
1974-75.....	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76.....	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77 <sup>5</sup> .....	25,600	3.42	87,538	12,540	1,000	11.61	11,610	486
Tangerines <sup>6</sup>				Tangelos				
1963-64.....	3,890	4.47	17,375	1,139	900	5.44	4,896	221
1964-65.....	4,340	4.04	17,551	1,210	1,000	4.61	4,610	194
1965-66.....	4,180	3.60	15,056	939	1,200	5.34	6,408	221
1966-67.....	4,960	2.60	12,894	1,288	1,700	2.34	3,978	406
1967-68.....	3,690	5.55	19,921	801	1,700	4.00	6,800	285
1968-69.....	4,330	4.10	17,768	1,348	1,800	3.39	6,102	586
1969-70.....	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103
1970-71.....	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72.....	5,030	4.53	22,787	1,659	3,600	2.75	9,900	1,882
1972-73.....	5,130	4.04	20,729	1,894	3,100	2.82	7,812	1,667
1973-74.....	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75.....	5,250	4.50	23,618	1,629	4,700	2.83	13,361	2,337
1975-76.....	5,280	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77 <sup>5</sup> .....	5,770	5.17	29,850	2,003	4,800	2.02	9,696	2,505
Templets								
1963-64.....	3,400	5.01	17,034	1,874	-----	-----	-----	-----
1964-65.....	3,800	3.33	12,654	1,554	-----	-----	-----	-----
1965-66.....	4,500	2.43	10,935	2,010	-----	-----	-----	-----
1966-67.....	5,000	1.51	7,450	1,998	-----	-----	-----	-----
1967-68.....	4,500	3.56	16,020	1,699	-----	-----	-----	-----
1968-69.....	4,500	3.08	13,860	2,397	-----	-----	-----	-----
1969-70.....	5,300	2.31	12,012	2,377	-----	-----	-----	-----
1970-71.....	5,000	2.75	13,900	2,768	-----	-----	-----	-----
1971-72.....	5,300	2.89	15,317	3,517	-----	-----	-----	-----
1972-73.....	5,100	3.06	15,606	2,655	-----	-----	-----	-----
1973-74.....	5,300	2.80	14,840	3,375	-----	-----	-----	-----
1974-75.....	5,300	2.75	14,575	3,392	-----	-----	-----	-----
1975-76.....	5,600	2.89	15,895	3,171	-----	-----	-----	-----
1976-77 <sup>5</sup> .....	5,800	2.30	8,740	2,616	-----	-----	-----	-----

See footnotes on page 219.

Table 315.—Citrus fruits: Production and season average returns per box, by States, 1974-75 to 1976-77

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>2</sup> of crop for season of—		
	1974-75	1975-76	1976-77 <sup>3</sup>	1974-75	1975-76	1976-77 <sup>4</sup>
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>5</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
Ariz.....	920	730	800	3.89	4.95	4.85
Calif.....	27,900	28,300	25,000	3.53	3.12	3.60
Fla.....	96,000	98,800	115,000	2.46	2.90	1.92
Tex.....	2,930	3,700	4,400	1.88	1.93	2.32
Total above varieties <sup>6</sup> .....	128,350	131,530	145,800	3.00	2.77	2.24
Valencia:						
Ariz.....	4,050	1,950	3,150	2.39	1.87	2.12
Calif.....	27,100	24,500	21,000	2.93	2.80	3.25
Fla.....	76,700	82,400	71,800	2.82	2.88	3.32
Tex.....	1,610	2,400	2,500	1.97	3.05	3.28
Total Valencia <sup>6</sup> .....	109,460	111,250	98,450	2.82	2.82	3.27
All oranges:						
Ariz.....	4,970	2,680	3,950	2.67	2.49	2.67
Calif.....	55,000	52,800	46,000	3.23	2.97	3.44
Fla.....	173,300	181,200	186,800	2.62	2.78	2.46
Tex.....	4,540	6,100	6,900	1.91	1.98	2.67
U.S., all oranges <sup>6</sup> .....	237,810	242,780	244,250	2.75	2.80	2.66
<b>GRAPEFRUIT</b>						
Ariz.....	2,770	3,080	3,000	2.10	1.51	1.79
Calif., all.....	6,940	7,200	7,600	2.34	2.11	2.53
Desert.....	3,730	4,100	4,500	2.06	1.70	1.95
Other areas.....	3,210	3,100	3,100	2.64	2.66	3.33
Fla., all.....	44,000	49,100	51,500	2.50	2.37	2.29
Pink seedless.....	11,500	13,000	12,500	3.46	3.16	3.02
White seedless.....	25,900	28,300	29,900	2.44	2.19	2.21
Other.....	7,200	7,800	9,100	1.72	1.70	1.54
Tex.....	7,800	10,700	12,400	2.30	1.74	2.03
U.S., all grapefruit <sup>6</sup> .....	61,610	70,080	74,500	2.61	2.21	2.25
<b>LEMONS</b>						
Ariz.....	7,200	2,420	5,000	3.30	6.64	3.17
Calif.....	22,200	15,200	20,600	4.03	5.65	3.48
U.S., lemons <sup>6</sup> .....	29,400	17,620	25,600	3.85	5.79	3.42
<b>LIMES</b>						
Fla.....	1,100	1,080	1,000	7.82	9.27	11.61
<b>TANGUELOS</b>						
Fla.....	4,700	5,500	4,800	2.63	2.52	2.02
<b>TANGERINES</b>						
Ariz.....	610	660	650	4.73	5.44	6.25
Calif.....	1,540	1,500	1,820	3.70	4.64	4.74
Fla.....	5,100	3,400	3,300	4.85	4.51	5.20
U.S., tangerines <sup>6</sup> .....	5,250	5,360	5,770	4.80	4.85	5.17
<b>TEMPLES</b>						
Fla.....	5,300	5,500	3,800	2.75	2.90	2.30

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangos are harvested largely from October through April.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.

<sup>4</sup> Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 55 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## 218 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 316.—Citrus fruits: Production in specified countries, 1975-77<sup>1</sup>

Commodity and country	1975	1976	1977 <sup>2</sup>	Commodity and country	1975	1976	1977 <sup>2</sup>
<b>ORANGE, INCLUDING TANGERINES</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>GRAPEFRUIT—continued</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>
<b>North America:</b>				<b>South America:</b>	<b>180</b>	<b>180</b>	
Belize.....	29	28	31				
Jamaica.....	42	28	48	<b>Other Southern Hemisphere:</b>			
Mexico <sup>3</sup> .....	905	1,283	743	Australia.....	22	20	22
United States.....	10,170	10,189	9,324	South Africa.....	77	79	89
<b>Total.....</b>	<b>11,146</b>	<b>11,528</b>	<b>10,146</b>	<b>Total.....</b>	<b>99</b>	<b>99</b>	<b>111</b>
<b>Mediterranean area:</b>				<b>Southern Hemisphere.....</b>	<b>279</b>	<b>259</b>	<b>111</b>
Algeria.....	480	470	105	<b>World total.....</b>	<b>3,470</b>	<b>3,641</b>	<b>3,356</b>
Cyprus.....	83	105	105				
Egypt.....	953	840	776	<b>LEMONS</b>			
Greece.....	567	533	610	<b>North America:</b>			
Israel.....	995	967	1,003	United States.....	614	883	882
Italy.....	1,931	2,259	1,883				
Lebanon.....	232	230	—	<b>Mediterranean area:</b>			
Morocco.....	352	770	865	Cyprus.....	30	31	31
Spain.....	2,643	2,441	2,358	Greece.....	191	190	200
Tunisia.....	116	99	177	Israel.....	31	34	31
Turkey.....	645	671	625	Italy.....	826	792	770
<b>Total.....</b>	<b>9,197</b>	<b>9,385</b>	<b>8,402</b>	Lebanon.....	65	—	—
<b>Far East:</b>				Morocco.....	5	3	3
China, Rep. of.....	321	356	—	Spain.....	254	238	325
Japan.....	4,234	3,575	4,080	Tunisia.....	18	25	23
<b>Total.....</b>	<b>4,555</b>	<b>3,931</b>	<b>4,080</b>	Turkey.....	290	278	275
<b>Northern Hemisphere.....</b>	<b>24,898</b>	<b>24,844</b>	<b>22,628</b>	<b>Total.....</b>	<b>1,700</b>	<b>1,891</b>	<b>1,658</b>
<b>South America:</b>				<b>Northern Hemisphere.....</b>	<b>2,314</b>	<b>2,474</b>	<b>2,510</b>
Argentina.....	958	972	1,027				
Brazil <sup>4</sup> .....	4,065	4,683	4,464	<b>South America:</b>			
Chile.....	44	45	46	Argentina.....	339	247	297
<b>Total.....</b>	<b>5,067</b>	<b>5,700</b>	<b>5,537</b>	Chile.....	44	46	47
<b>Other Southern Hemisphere:</b>				<b>Total.....</b>	<b>383</b>	<b>293</b>	<b>344</b>
Australia.....	389	352	383				
South Africa.....	564	490	599	<b>Other Southern Hemisphere:</b>			
<b>Total.....</b>	<b>953</b>	<b>812</b>	<b>982</b>	Australia.....	36	37	38
<b>Southern Hemisphere.....</b>	<b>6,020</b>	<b>6,512</b>	<b>6,519</b>	South Africa.....	24	23	24
<b>World total.....</b>	<b>30,918</b>	<b>31,356</b>	<b>29,147</b>	<b>Total.....</b>	<b>60</b>	<b>60</b>	<b>62</b>
<b>GRAPEFRUIT</b>				<b>Southern Hemisphere.....</b>	<b>443</b>	<b>382</b>	<b>406</b>
<b>North America:</b>				<b>World total.....</b>	<b>2,787</b>	<b>2,826</b>	<b>2,916</b>
Belize.....	15	9	11				
Jamaica.....	26	19	25				
Mexico <sup>3</sup> .....	32	50	43				
Trinidad and Tobago.....	11	3	4				
United States.....	2,585	2,748	2,643				
<b>Total.....</b>	<b>2,669</b>	<b>2,829</b>	<b>2,726</b>				
<b>Mediterranean area:</b>							
Cyprus.....	53	48	51				
Israel.....	449	486	450				
Morocco.....	13	13	13				
Spain.....	7	6	7				
<b>Total.....</b>	<b>522</b>	<b>553</b>	<b>521</b>				
<b>Northern Hemisphere.....</b>	<b>3,191</b>	<b>3,382</b>	<b>3,247</b>				

<sup>1</sup> Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May following the year shown.<sup>2</sup> Preliminary.<sup>3</sup> Four States only (Nuevo León, San Luis Potosí, Tamaulipas, and Veracruz).<sup>4</sup> São Paulo only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 317.—Canned citrus juices, single strength: United States packs, 1963-76

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1963	7,682	510	( <sup>2</sup> )	8,192	2,416	157	( <sup>2</sup> )	2,573	221
1964	10,334	405	( <sup>2</sup> )	10,739	2,435	77	( <sup>2</sup> )	2,512	187
1965	11,363	699	82	12,114	2,694	227	( <sup>2</sup> )	2,911	62
1966	14,412	1,381	545	16,341	3,311	373	54	3,738	156
1967	9,817	320	277	10,414	2,043	110	( <sup>2</sup> )	2,187	49
1968	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,578	92
1969	11,223	8,073	( <sup>2</sup> )	14,296	2,192	4,228	( <sup>2</sup> )	2,419	47
1970	11,599	1,947	1,906	15,452	2,186	168	116	2,500	35
1971	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975	10,635	1,870	1,256	13,461	1,687	144	938	2,769	19
1976	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> No pack reported.<sup>3</sup> Pack data not available.<sup>4</sup> Texas included with California and Arizona.Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners. Data for 1949-63 in *Agricultural Statistics, 1972*, table 323.

Table 318.—Concentrated citrus juices: Annual packs, Florida, 1963-76

Season beginning December	Frozen concentrated juice				Nonfrozen concentrated juice	
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend	Orange, 65° Brix	Grapefruit, 60° Brix
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1963	53,674	2,573	1,145	130	41	21
1964	88,869	4,000	1,154	70	70	55
1965	76,695	3,071	715	50	49	31
1966	131,735	5,485	1,120	29	119	32
1967	83,697	1,814	582	10	22	-----
1968	103,730	5,920	1,051	36	31	39
1969	124,947	4,294	785	16	34	40
1970	125,187	6,370	1,090	18	28	89
1971	134,229	8,798	1,220	22	-----	31
1972	176,073	8,658	1,072	3	-----	-----
1973	171,846	9,028	1,019	11	-----	-----
1974	178,174	7,947	1,147	4	-----	-----
1975	186,265	9,316	1,111	1	-----	-----
1976	186,635	11,288	926	18	-----	-----

<sup>1</sup> 42° Brix through 1964; 45° Brix thereafter. Includes concentrated juice for manufacture.Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from Florida Canners' Association. Data for 1949-63 in *Agricultural Statistics, 1972*, table 324.

## FOOTNOTES FOR TABLE 314

<sup>1</sup> See footnote 1, table 315.<sup>2</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.<sup>3</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.<sup>4</sup> Includes small quantities of tangerines in Texas; prior to 1964-65, includes small quantities in Louisiana and Arizona. Excludes Florida temples.<sup>5</sup> Preliminary.<sup>6</sup> California and Florida in 1963; includes Arizona beginning 1964.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-63 in *Agricultural Statistics, 1972*, table 520.

## 220 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 319.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1963-76

Season	Sections, Florida	Juice (single strength)			
		Florida	Texas	California and Arizona	Total
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1963.....	3,063	5,143	(?)	1,162	6,308
1964.....	3,606	9,770	(?)	1,157	10,527
1965.....	4,002	12,090	610	1,126	13,826
1966.....	4,755	17,844	1,787	1,380	20,991
1967.....	3,412	13,300	750	1,776	15,838
1968.....	3,398	15,445	3,066	2,024	20,533
1969.....	3,325	16,423	(?)	15,701	25,194
1970.....	3,292	19,110	4,650	2,233	25,963
1971.....	2,571	20,574	3,837	2,066	26,777
1972.....	2,687	19,059	6,572	2,631	28,262
1973.....	3,027	20,576	6,013	2,412	29,001
1974.....	2,236	16,394	2,789	2,446	21,829
1975.....	1,603	18,890	4,030	2,001	25,521
1976.....	1,722	18,809	5,867	3,013	27,689

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> No pack reported.<sup>3</sup> Texas included with California and Arizona.Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners. Data for 1949-62 in *Agricultural Statistics, 1972*, table 326.

Table 320.—Citrus products: United States exports by kind, 1963-76

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>
1963.....	3,584	965	2,464	2,757	185	181	1,562	147
1964.....	4,470	894	2,807	4,186	192	201	1,039	166
1965.....	6,271	842	3,060	3,109	165	251	1,185	128
1966.....	11,106	958	4,418	5,358	153	284	1,497	83
1967.....	13,186	724	4,226	4,472	188	355	981	92
1968.....	9,283	770	4,227	5,236	206	728	706	84
1969.....	12,134	1,640	5,816	6,049	360	913	744	63
1970.....	10,931	1,417	7,708	5,119	276	952	602	76
1971.....	8,942	1,310	7,923	4,956	288	1,045	678	64
1972.....	10,129	1,170	11,007	4,837	344	1,461	705	85
1973.....	10,082	1,395	11,973	4,965	310	1,155	651	88
1974.....	9,734	931	12,636	4,850	213	1,214	701	100
1975.....	10,693	1,354	15,161	5,115	306	1,292	674	57
1976.....	10,472	1,663	17,086	5,445	310	1,988	732	59

<sup>1</sup> Equivalent cases of 24 No. 2 cans.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1963-62 in *Agricultural Statistics, 1972*, table 325.



Table 321.—Oranges, fresh: United States exports by country of destination, 1974-76

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1974	1975	1976		1974	1975	1976
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium and Luxembourg.....	1,399	11,223	9,993	Australia.....	41	.....	16
Denmark.....	2,119	1,135	1,061	Canada.....	180,451	176,566	169,845
France.....	18,711	11,844	9,128	French Pacific Islands.....	356	375	413
German Dem. Rep.....	21,486	8,857	393	Hong Kong.....	93,710	97,329	99,188
Germany, Fed. Rep. of.....	19,419	13,144	4,709	Indonesia.....	1,873	3,063	2,827
Netherlands.....	62,482	41,120	30,036	Iran.....	10,963	.....	.....
Norway.....	1,980	1,348	1,726	Japan.....	22,903	24,870	22,448
Poland.....	1,383	.....	.....	Korea, Rep. of.....	172	210	160
Sweden.....	4,423	2,761	3,967	Malaysia.....	476	865	2,021
United Kingdom.....	18,119	22,141	16,000	New Zealand.....	9,172	7,091	7,505
Other countries.....	111	193	50	Other Pacific Islands.....	130	59	46
Total.....	151,592	113,763	77,063	Philippines.....	28	5	4
Latin America:				Saudi Arabia.....	4,101	.....	.....
Honduras.....	.....	.....	34	Singapore.....	11,303	13,802	14,372
Mexico.....	287	831	579	Soviet Union.....	1,459	.....	.....
Panama.....	20	17	12	Trust Territory of Pacific Islands.....	27	25	60
Total.....	307	848	625	Other countries.....	64	17	70
Bermuda and Caribbean:				Total.....	325,458	324,297	318,888
Bahamas.....	640	540	424	Grand total.....	478,886	440,180	397,771
Bermuda.....	107	142	138				
Jamaica.....	415	59	.....				
Netherlands Antilles.....	347	437	542				
Other countries.....	11	64	91				
Total.....	1,520	1,242	1,198				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 322.—Citrus fruits: Foreign trade, United States, 1963-76

Year <sup>1</sup>	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports <sup>2</sup>	Domestic exports <sup>3</sup>	Imports <sup>2</sup>	Domestic exports <sup>3</sup>	Imports <sup>2</sup>	Domestic exports <sup>3</sup>	Imports <sup>2</sup>	Domestic exports <sup>3</sup>	Imports <sup>2</sup>	Domestic exports <sup>3</sup>
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
1963.....	1,652	5,110	16	2,240	3	2,768	52	.....	.....	642
1964.....	1,084	5,615	19	2,363	3	2,728	43	261	.....	181
1965.....	707	6,674	6	2,612	2	3,109	43	28	.....	244
1966.....	301	7,912	20	3,429	1	3,191	32	30	.....	241
1967.....	1,665	3,610	42	2,395	1	3,301	33	35	.....	197
1968.....	1,050	7,122	41	3,677	(*)	2,918	37	24	.....	245
1969.....	914	6,777	100	2,932	(*)	3,580	60	16	.....	305
1970.....	1,138	6,215	85	2,758	(*)	3,681	39	20	.....	371
1971.....	1,106	7,652	176	5,149	(*)	4,348	47	23	.....	264
1972.....	1,225	7,143	217	5,431	1	5,460	52	81	.....	241
1973.....	1,119	8,190	177	6,643	0	5,396	85	57	.....	340
1974.....	888	12,568	130	6,435	2	5,321	101	73	.....	390
1975.....	526	11,452	117	8,081	2	5,860	128	87	.....	413
1976 <sup>1</sup> .....	1,121	10,690	245	8,043	5	6,667	199	58	.....	.....

<sup>1</sup> Year beginning October for 1976 for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.<sup>2</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box.<sup>3</sup> Exports converted to boxes on the following basis: Oranges and tangerines, 84 pounds per box; grapefruit, 76 pounds per box; lemons, 79 pounds per box. Beginning 1964, oranges, tangerines, lemons, and limes reported separately.<sup>4</sup> Less than 500 boxes.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 320.



## 222 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 323.—Citrus fruits: International trade, 1974-76

Continent and country	1974		1975		1976	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....		212,079		236,061		311,730
Jamaica.....	1,819					
Mexico.....	64,112	3				
Trinidad and Tobago.....	940		659			
United States.....	327,331	46,714	480,901	28,124	461,142	27,242
Total.....	394,202	258,796	481,560	264,175	461,142	338,992
South America:						
Argentina.....	27,763	1,615	5,470	2,866	17,376	
Brazil.....	40,525		74,297		38,229	
Total.....	68,288	1,615	79,767	2,866	55,605	
Europe:						
Austria.....	8	98,340	183	103,862	18	102,788
Belgium and Luxembourg.....	21,774	194,981	19,432	186,930	19,430	190,770
Denmark.....	2,286	40,828	2,953	41,221	2,965	23,085
Finland.....		77,329		85,407		77,851
France.....	22,211	817,043	18,621	798,732	20,661	839,082
Germany, Fed. Rep. of.....	9,305	828,901	13,125	815,444	14,284	819,403
Greece.....	125,160		169,108			
Ireland.....		21,210		21,584		21,379
Italy.....	182,696	35	183,680	12	215,963	133
Netherlands.....	40,550	332,993	68,679	362,279	48,197	356,137
Norway.....		71,021		83,367		62,861
Spain.....	1,839,622		1,809,635		1,826,434	
Sweden.....	5,228	97,986	6,262	111,036	4,448	115,610
Switzerland.....	24	104,502	34	103,819	302	107,187
United Kingdom.....		421,107		418,301		
Yugoslavia.....		83,746		73,172		83,184
Total.....	1,919,104	5,279,801	1,961,707	3,187,186	1,852,789	2,812,365
Africa:						
Algeria.....	101,098					
Morocco.....	542,015		444,783		520,565	
South Africa.....	273,119		304,030		316,164	
Tunisia.....	30,075		23,128			
Total.....	946,307		771,941		836,729	
Asia:						
Cyprus.....	127,000		22,948		25,554	
Hong Kong.....	6,338	117,380	8,174	144,514	11,816	137,002
Israel and Palestine.....	501,002		655,223		652,595	
Japan.....	23,191	20,437	18,728	22,116	19,877	24,401
Philippines.....	31,585		8			
Turkey.....			33,627			
Total.....	779,116	137,817	738,708	166,630	709,842	161,403
Oceania:						
Australia.....	9,818		15,280		11,059	
New Zealand.....		18,955				
Total.....	9,818	18,955	15,280		11,059	
Grand total.....	4,116,835	5,696,984	4,048,963	3,620,827	3,927,166	3,212,760

See footnotes at end of table.

Table 323.—Citrus fruits: International trade, 1974-76—Continued

Continent and country	1974		1975		1976	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT</b>						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	7	89,948		85,491		95,682
Jamaica.....	122		343			
Trinidad and Tobago.....	225,397	5,803	251,477	3,920	290,521	6,520
United States.....						
Total.....	225,526	95,751	251,820	89,417	290,521	102,302
South America:						
Brazil.....	885		475		852	
Europe:						
Belgium and Luxembourg.....	3,045	16,277	2,376	17,067	2,589	19,208
Denmark.....	72	3,252	129	3,070	187	3,584
Finland.....		5,408		7,120		5,706
France.....	1,005	77,118	690	91,564	1,891	100,017
Germany, Fed. Rep. of.....	889	94,592	1,563	104,575	2,958	118,382
Netherlands.....	15,247	36,309	21,651	44,198	29,794	62,123
Sweden.....	234	4,953	430	6,716	489	7,335
United Kingdom.....		100,184		104,731		
Total.....	20,482	338,183	26,839	379,652	38,208	314,415
Africa:						
Algeria.....	1,046				1,125	
Morocco.....	249		637		59,449	
South Africa.....	60,531		62,128			
Total.....	62,146		62,765		60,574	
Asia:						
Cyprus.....	40,655		30,032		28,159	
Israel and Palestine.....	219,679		269,204		283,745	
Total.....	260,334		299,236		281,904	
Grand total.....	569,373	433,934	641,135	469,069	672,059	416,617
<b>LEMONS</b>						
North America:						
Canada.....		16,969		19,059		18,900
United States.....	200,218	21	180,453	11	222,672	
Total.....	200,218	16,990	180,463	19,070	222,672	18,900
Europe:						
Austria.....	22	22,788	3	24,604		26,746
Belgium and Luxembourg.....	1,052	19,405	1,454	19,826	1,259	30,179
Denmark.....	263	6,439	222	6,631	216	7,468
Finland.....		3,726		2,746		3,845
France.....	1,811	103,163	926	102,128	1,748	115,090
Germany, Fed. Rep. of.....	819	113,680	1,205	116,649	1,287	123,805
Greece.....	75,349		92,927			
Ireland.....		1,330		1,495		1,478
Italy.....	217,347		267,769		270,929	
Netherlands.....	5,423	16,802	9,269	21,151	7,687	20,339
Spain.....	138,993		89,079		161,308	
Sweden.....	823	7,098	478	7,860	574	7,380
Switzerland.....	37	16,795		17,064	33	18,140
United Kingdom.....		37,892		38,135		
Yugoslavia.....		37,822		37,321		40,901
Total.....	441,530	386,819	454,232	396,310	444,740	387,374
Africa:						
Algeria.....	357					
Morocco.....	1,191					
South Africa.....	12,425		13,993		13,547	
Tunisia.....	976		143			
Total.....	14,949		14,403		13,791	

See footnotes at end of table.

## 224 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 323.—Citrus fruits: International trade, 1974-76—Continued

Continent and country	1974		1975		1976	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Asia:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cyprus.....	12,198		8,203		6,844	
Israel and Palestine.....	16,704		19,809		18,872	
Japan.....		92,976		64,051		92,768
Turkey.....	77,143		65,468			
Total.....	106,045	92,976	93,480	64,051	25,516	92,768
Grand total.....	762,751	496,785	742,568	479,431	706,719	499,042

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 324.—Dates: Production, season average price per ton, and value, California, 1963-77<sup>1</sup>

Year	Production	Price <sup>2</sup>	Value	Year	Production	Price <sup>2</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	22,100	129	2,851	1971.....	19,500	159	3,101
1964.....	24,300	148	3,596	1972.....	15,700	173	2,716
1965.....	21,000	164	3,444	1973.....	22,100	188	4,374
1966.....	21,300	144	3,067	1974.....	22,700	222	5,039
1967.....	20,800	151	3,141	1975.....	24,800	268	7,390
1968.....	23,000	164	3,772	1976.....	22,400	346	7,750
1969.....	16,500	154	2,541	1977 <sup>3</sup> .....	25,400	338	8,583
1970.....	18,200	149	2,712				

<sup>1</sup> Production, price, and value for California only.

<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 329.

Table 325.—Dates: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports	Year beginning July <sup>1</sup>	Imports	Year beginning July <sup>1</sup>	Imports
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
1963.....	19,733	1968.....	13,782	1973.....	15,854
1964.....	18,507	1969.....	10,901	1974.....	12,442
1965.....	14,540	1970.....	13,010	1975.....	19,427
1966.....	14,429	1971.....	14,826	1976 <sup>1</sup> .....	18,498
1967.....	12,975	1972.....	17,623		

<sup>1</sup> Year beginning October for 1976.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1972*, table 329.

Table 326.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1963-77 <sup>1</sup>

Year	Area harvested	Yield per acre <sup>2</sup>	Total production <sup>3</sup>	Utilized production	Price <sup>4</sup>	Value	Quantities processed <sup>5</sup>
	<i>Acres</i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels <sup>6</sup></i>
1963	20,120	62.4	1,254,500	1,210,500	11.90	14,458	792,100
1964	20,620	64.2	1,324,500	1,324,500	14.40	19,109	842,600
1965	20,640	68.9	1,422,800	1,422,800	15.50	22,072	978,300
1966	20,560	76.4	1,571,600	1,571,600	15.20	23,841	1,160,600
1967	21,020	66.8	1,404,300	1,404,300	14.80	20,794	1,034,400
1968	21,235	69.1	1,466,800	1,466,800	15.40	22,537	1,108,500
1969	21,285	85.7	1,823,100	1,823,100	15.80	28,241	1,412,600
1970	21,745	93.7	2,036,600	1,844,600	10.70	19,678	1,400,000
1971	22,410	101.1	2,264,800	1,839,800	10.70	17,599	1,188,800
1972	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,486,700
1975	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977 <sup>7</sup>	22,840	93.3	2,102,200	2,102,200	17.40	36,807	1,454,000

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<sup>2</sup> Derived from total production.<sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.<sup>4</sup> Equivalent returns for fruit at the first receiving station.<sup>5</sup> Mainly for canning.<sup>6</sup> Barrels of 100 pounds.<sup>7</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 330.

Table 327.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1975-77

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass.	11,200	11,200	11,200	70.1	83.5	78.1	785,000	935,000	875,000	13.00	13.40	17.00
N.J.	3,100	3,100	3,000	71.3	89.0	82.3	221,000	276,000	157,000	13.30	13.50	17.80
Oreg.	900	880	840	107.9	101.5	95.6	97,100	89,300	80,200	12.30	13.00	18.00
Wash.	1,100	1,100	1,100	122.7	93.6	123.6	135,000	103,000	136,000	13.30	12.60	18.00
Wis.	7,000	6,800	6,400	119.6	147.6	133.4	837,000	1,004,000	854,000	13.00	13.50	17.80
U.S.	23,300	23,080	22,840	89.1	104.3	93.3	2,075,100	2,407,300	2,102,200	13.10	13.50	17.40

<sup>1</sup> Preliminary.<sup>2</sup> Average price of utilized production.<sup>3</sup> Barrels of 100 pounds.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 328.—Figs: Production, season average price per ton, and value, California, 1963-77

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Stand- ard	Sub- stand- ard								
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963.....	18,500	15,300	3,200	192.00	3,552	7,600	184.00	1,395	63,100	78.40	4,950
1964.....	19,000	16,900	2,200	237.00	4,503	10,000	181.00	1,810	87,000	94.20	6,313
1965.....	18,400	14,500	3,900	191.00	3,514	6,000	179.00	1,074	61,200	75.00	4,588
1966.....	20,600	18,400	2,200	188.00	3,873	6,000	182.00	1,092	67,800	73.20	4,965
1967.....	12,300	10,900	1,300	210.00	2,562	5,000	200.00	1,120	42,200	87.30	3,682
1968.....	15,800	13,000	2,800	212.00	3,350	4,200	271.00	1,138	51,600	87.00	4,488
1969.....	17,600	14,370	3,230	204.00	3,599	5,430	276.00	1,499	58,500	87.30	5,107
1970.....	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,100
1971.....	13,440	10,370	3,070	203.00	2,728	5,280	230.00	1,214	45,600	86.50	3,944
1972.....	11,050	8,950	2,100	389.00	4,298	3,250	258.00	839	36,400	141.00	5,132
1973.....	12,420	11,220	1,200	680.00	8,446	4,340	267.00	1,159	41,600	231.00	9,610
1974.....	13,200	11,430	1,770	678.00	8,950	5,000	284.00	1,420	44,600	233.00	10,382
1975.....	11,610	8,840	2,770	585.00	6,792	3,170	236.00	748	38,000	198.00	7,524
1976.....	10,070	7,000	3,070	522.00	5,257	1,900	271.00	515	33,100	180.00	5,775
1977.....	12,700	11,000	1,700	780.00	9,906	3,400	345.00	1,173	41,500	267.00	11,081

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point for fresh sales. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 332.

Table 329.—Figs, dried: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports	Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports	Year beginning July <sup>1</sup>	Imports for consumption	Domestic exports
Tons	Tons		Tons	Tons		Tons	Tons	
1963.....	2,561	730	1968.....	2,341	797	1973.....	1,561	1,444
1964.....	2,471	829	1969.....	1,253	810	1974.....	1,246	816
1965.....	1,807	842	1970.....	1,731	1,185	1975.....	1,954	1,104
1966.....	1,677	848	1971.....	1,472	1,423	1976.....	3,540	784
1967.....	1,385	919	1972.....	2,037	937			

<sup>1</sup> Year beginning October for 1976.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 332.

Table 330.—Grapes: Production, value, and raisin production, United States, 1963-77

Year	Grapes				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1963-----	3,793	3,733	53.10	198,418	232	1971-----	3,994	3,994	96.00	383,267	194
1964-----	3,478	3,478	62.90	218,658	231	1972-----	2,579	2,579	165.00	426,236	105
1965-----	4,351	4,326	45.10	195,084	270	1973-----	4,198	4,198	162.00	681,675	224
1966-----	3,734	3,733	55.00	207,706	280	1974-----	4,199	4,199	139.00	582,289	242
1967-----	3,069	3,062	69.30	212,319	181	1975-----	4,368	4,365	142.00	618,178	268
1968-----	3,549	3,549	66.60	236,374	264	1976-----	4,368	4,093	155.00	633,571	283
1969-----	3,898	3,898	72.50	282,514	251	1977 <sup>2</sup> -----	4,298	4,296	193.00	828,695	248
1970-----	3,103	3,103	94.20	292,263	193						

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Dried basis; 1 ton of raisins equivalent to about 4-4.5 tons of fresh grapes. Excludes table varieties dried.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 333.

Table 331.—Grapes: Production and season average price per ton, by States, 1975-77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz.....	12,800	12,400	11,600	12,800	12,400	11,000	565.00	725.00	655.00
Ark.....	10,500	6,500	9,600	10,500	6,500	9,600	196.00	169.00	156.00
Calif.:									
All varieties <sup>3</sup> .....	3,948,000	3,978,000	3,986,000	3,948,000	3,685,000	3,986,000	137.00	152.00	190.00
Wine varieties.....	1,313,000	1,323,000	1,563,000	1,313,000	1,323,000	1,563,000	110.00	136.00	175.00
Table varieties.....	434,000	405,000	488,000	434,000	405,000	488,000	218.00	217.00	269.00
Raisin varieties <sup>4</sup> .....	2,201,000	2,250,000	1,935,000	2,201,000	1,957,000	1,935,000	137.00	150.00	183.00
Dried <sup>5</sup> .....	283,000	283,000	248,300	283,000	218,000	248,300	665.00	706.00	840.00
Not dried.....	951,400	976,000	803,000	951,400	976,000	803,000	118.00	143.00	180.00
Mich.....	56,000	14,500	33,000	55,000	14,500	33,000	131.00	153.00	197.00
Mo.....	2,850	1,750	3,850	2,850	1,750	3,850	241.00	228.00	213.00
N.J.....	1,200	750	1,100	1,150	750	1,100	188.00	210.00	233.00
N.Y.....	153,000	185,000	101,000	153,000	173,500	101,000	206.00	171.00	220.00
N.C.....	4,400	4,580	4,650	4,170	4,080	3,700	255.00	266.00	320.00
Ohio.....	14,600	15,000	7,100	14,600	14,700	7,000	194.00	165.00	202.00
Pa.....	48,000	59,000	30,000	48,000	59,000	29,650	168.00	168.00	231.00
Wash.....	110,200	115,900	105,600	110,200	115,900	105,600	149.00	152.00	175.00
Other States <sup>6</sup> .....	4,800	4,950	4,850	4,800	4,900	4,700	208.00	209.00	225.00
U.S.....	4,366,350	4,398,330	4,297,750	4,365,070	4,092,980	4,298,300	142.00	155.00	195.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>3</sup> Price derived from unrounded data.

<sup>4</sup> Fresh equivalent of dried and not dried.

<sup>5</sup> Dried basis; 1 ton of raisins is equivalent to 4.42 tons of fresh grapes for 1975, 4.50 tons for 1976, and 4.56 tons for 1977.

<sup>6</sup> Georgia and South Carolina.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

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Table 332.—Grapes: Production and utilization, United States, 1963-77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Crushed for wine	Crushed for juice, etc. <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1963.....	3,793,060	3,732,060	5,985	3,726,075	524,437	43,000	1,070,000	2,088,838	.....
1964.....	3,478,000	3,478,000	( <sup>2</sup> )	( <sup>2</sup> )	551,853	60,000	1,034,800	1,831,317	.....
1965.....	4,351,290	4,325,960	.....	.....	599,574	54,800	1,297,000	2,374,586	.....
1966.....	3,733,640	3,733,340	.....	.....	597,350	62,000	1,185,700	1,886,200	.....
1967.....	3,069,040	3,062,190	.....	.....	466,750	54,000	751,800	1,789,640	.....
1968.....	3,549,040	3,549,040	.....	.....	557,967	64,000	1,111,100	1,815,973	.....
1969.....	3,897,510	3,897,510	.....	.....	561,963	66,300	1,010,200	2,064,155	204,892
1970.....	3,103,330	3,103,330	.....	.....	390,006	33,700	821,800	1,583,229	254,595
1971.....	3,994,420	3,994,420	.....	.....	392,650	38,400	895,900	2,309,740	337,730
1972.....	2,878,650	2,878,650	.....	.....	358,585	30,500	437,400	1,520,190	211,975
1973.....	4,198,350	4,198,350	.....	.....	405,805	59,000	999,300	2,667,329	196,917
1974.....	4,198,800	4,198,800	.....	.....	434,490	61,200	1,023,800	2,415,711	263,599
1975.....	4,386,350	4,385,070	.....	.....	498,190	32,700	1,232,400	2,275,490	298,300
1976.....	4,398,330	4,092,980	.....	.....	466,330	48,000	982,800	2,321,710	274,440
1977 <sup>3</sup> .....	4,297,750	4,296,200	.....	.....	481,350	54,000	1,134,000	2,411,500	215,350

<sup>1</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1966, these quantities included with wine.<sup>2</sup> Estimates discontinued.<sup>3</sup> Beginning 1964, includes "Home use."<sup>4</sup> Some quantities canned are included in "Crushed for wine" to avoid disclosure of individual operations.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 335.

Table 333.—Grapes: Production and utilization, by States, crop of 1977 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
	Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc.
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Aris.....	11,000	11,000	11,000	.....	.....	.....	.....
Calif.:.....	.....	.....	.....	.....	.....	.....	.....
All varieties.....	3,986,000	3,986,000	461,000	54,000	1,134,000	2,337,000	.....
Wine varieties.....	1,563,000	1,563,000	101,000	.....	.....	1,462,000	.....
Table varieties.....	488,000	488,000	205,000	.....	2,000	281,000	.....
Raisin varieties.....	1,935,000	1,935,000	155,000	54,000	1,132,000	584,000	.....
Mich.....	33,000	33,000	1,600	.....	.....	1,900	29,500
N.J.....	1,100	1,100	200	.....	.....	.....	900
N.Y.....	101,000	101,000	2,600	.....	.....	53,100	46,900
Ohio.....	7,100	7,000	200	.....	.....	( <sup>2</sup> )	( <sup>2</sup> )
Pa.....	30,000	29,850	1,350	.....	.....	( <sup>2</sup> )	( <sup>2</sup> )
Wash.....	105,600	105,600	600	.....	4,800	100,200	.....
Other States <sup>4</sup> .....	22,950	21,850	3,600	.....	.....	15,700	37,850
U.S.....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350

<sup>1</sup> Includes "Home use."<sup>2</sup> Equivalent raisins produced (dried basis): 248,000 tons.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total.<sup>4</sup> Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 334.—Raisins and currants: United States exports by country of destination, 1974-76

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1974	1975	1976		1974	1975	1976
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	43	37	17	Bahamas.....	60	64	42
Belgium and Luxembourg.....	857	1,124	742	Bermuda.....	55	59	98
Denmark.....	1,785	2,535	1,966	Dominican Republic.....	105	135	81
Finland.....	2,058	3,096	2,965	Haiti.....	9	4	8
France.....	465	407	152	Jamaica.....	85	53	9
Germany, Fed. Rep. of.....	3,049	2,489	1,444	Netherlands Antilles.....	57	67	55
Iceland.....	109	188	40	Trinidad and Tobago.....	134	42	19
Ireland.....	437	125	38	Other countries.....	7	6	4
Netherlands.....	1,482	2,186	1,074	<b>Total.....</b>	<b>515</b>	<b>420</b>	<b>319</b>
Norway.....	1,059	2,178	1,094	<b>Other countries:</b>			
Sweden.....	2,812	3,772	2,759	Canada.....	7,218	8,660	6,141
Switzerland.....	618	538	640	China, Rep. of.....	704	1,432	236
United Kingdom.....	6,697	7,859	2,599	Hong Kong.....	480	458	163
Other countries.....	113	56	38	Indonesia.....	5	48	52
<b>Total.....</b>	<b>21,384</b>	<b>26,888</b>	<b>15,268</b>	Japan.....	15,978	21,574	11,483
<b>Latin America:</b>				Korea, Rep. of.....	65	267	86
Bolivia.....	5	1	13	Malaysia.....	228	298	226
Brazil.....	794	159	1	New Zealand.....	847	1,481	394
Colombia.....	41	16	110	Philippines.....	145	184	60
Costa Rica.....	15	21	13	Saudi Arabia.....	6	17	75
Ecuador.....	106	109	77	Singapore.....	510	902	259
El Salvador.....	14	12	26	Thailand.....	16	91	151
Guatemala.....	25	50	45	Other countries.....	204	137	70
Honduras.....	16	31	8	<b>Total.....</b>	<b>26,436</b>	<b>35,549</b>	<b>19,599</b>
Mexico.....	168	388	59	<b>Grand total.....</b>	<b>50,210</b>	<b>64,875</b>	<b>36,455</b>
Nicaragua.....	16	29	21				
Panama.....	99	179	97				
Venezuela.....	562	985	791				
Other countries.....	14	41	8				
<b>Total.....</b>	<b>1,875</b>	<b>2,018</b>	<b>1,269</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 335.—Grapes and raisins: Foreign trade, United States, 1963-76

Year <sup>1</sup>	Grapes		Raisins <sup>2</sup>		Year <sup>1</sup>	Grapes		Raisins <sup>2</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1963.....	19,456	95,040	328	60,555	1970.....	22,231	114,298	1,112	67,448
1964.....	25,732	101,106	156	60,005	1971.....	12,669	140,649	3,524	80,074
1965.....	28,125	131,247	167	75,238	1972.....	9,859	105,016	3,281	25,246
1966.....	15,502	125,173	229	71,549	1973.....	14,983	114,112	1,380	53,817
1967.....	23,274	113,787	1,003	74,732	1974.....	21,202	116,056	28	59,775
1968.....	15,884	119,023	1,290	77,742	1975.....	23,975	120,620	326	71,510
1969.....	16,358	143,975	1,006	80,986	1976 <sup>1</sup> .....	33,520	98,801	13,143	40,828

<sup>1</sup> Year beginning October for 1976 for both grapes and raisins. Prior to 1976, year beginning July for grapes; September for raisins.<sup>2</sup> Raisins converted to sweetbox or production basis by multiplying by 1.08.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1972*, table 333.

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Table 336.—Nectarines: Production, utilization, and value, California, 1963-77

Crop of—	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold		Season average price per ton <sup>2</sup>	Value
		Home use	Sold	Fresh	Processed (fresh basis)		
	Tons	Tons	Tons	Tons	Tons	Dollars	1,000 dollars
1963.....	87,000	900	86,800	84,800	2,600	94.90	5,409
1964.....	75,000	( <sup>3</sup> )	( <sup>3</sup> )	73,200	1,800	94.50	7,058
1965.....	<sup>4</sup> 64,800	-----	-----	63,700	1,100	88.00	5,573
1966.....	68,000	-----	-----	67,300	800	142.00	9,656
1967.....	55,000	-----	-----	54,300	700	157.00	8,535
1968.....	64,000	-----	-----	63,100	800	147.00	9,408
1969.....	66,000	-----	-----	65,000	1,000	140.00	9,240
1970.....	66,500	-----	-----	65,300	1,300	132.00	10,108
1971.....	70,000	-----	-----	69,100	900	155.00	10,850
1972.....	87,000	-----	-----	85,400	600	177.00	15,399
1973.....	86,500	-----	-----	85,600	900	255.00	22,055
1974.....	117,000	-----	-----	115,600	1,400	228.00	26,676
1975.....	111,000	-----	-----	110,000	1,000	275.00	30,525
1976.....	128,000	-----	-----	127,500	800	245.00	31,360
1977 <sup>5</sup> .....	150,000	-----	-----	150,000	-----	203.00	30,450

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are equivalent returns at processing plant door.<sup>3</sup> Estimates discontinued.<sup>4</sup> Beginning 1964, includes "Home use."<sup>5</sup> Excludes 2,300 tons not harvested for 1968.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 335.

Table 337.—Olives: Production, value, and utilization, California, 1963-77

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil	Canned	Other <sup>3</sup>
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons
1963.....	57,000	195.00	11,286	7,500	39,100	9,600
1964.....	64,000	139.00	7,506	8,300	37,800	9,400
1965.....	60,000	219.00	10,950	4,300	37,800	7,300
1966.....	63,000	241.00	15,183	4,800	45,500	11,900
1967.....	14,000	384.00	5,376	1,470	10,230	2,000
1968.....	86,000	388.00	31,648	4,600	62,800	18,000
1969.....	70,000	339.00	23,030	5,300	51,700	12,500
1970.....	52,000	247.00	12,844	4,100	39,200	8,100
1971.....	55,000	148.00	8,140	4,900	39,600	9,800
1972.....	24,200	415.00	10,043	700	20,000	3,300
1973.....	70,000	362.00	27,440	4,300	64,300	10,700
1974.....	58,500	434.00	25,389	3,100	46,700	7,800
1975.....	67,000	336.00	22,512	3,800	53,300	9,000
1976.....	80,000	330.00	26,400	3,700	65,500	10,200
1977 <sup>4</sup> .....	43,000	362.00	15,566	3,900	32,300	6,300

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. About 40 gallons of oil are obtained from 1 ton of olives in California. Data for 1944-62 in *Agricultural Statistics, 1978*, table 336.

Table 338.—Olives and olive oil: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports				Year beginning July <sup>1</sup>	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds		1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds
1963-----	14,175	1,121	53,679	672	1970-----	16,338	1,774	84,349	350
1964-----	15,171	785	54,847	945	1971-----	16,499	1,363	67,577	334
1965-----	12,541	922	45,334	224	1972-----	17,440	1,181	57,703	261
1966-----	14,936	1,041	55,293	1,415	1973-----	16,738	1,518	52,923	250
1967-----	13,716	1,514	56,608	1,417	1974-----	14,079	1,173	48,427	200
1968-----	17,066	1,316	56,940	297	1975-----	15,323	643	59,232	129
1969-----	15,912	888	60,156	360	1976 <sup>1</sup> -----	15,481	1,465	56,388	189

<sup>1</sup> Year beginning October for 1976.Economics, Statistics, and Cooperatives Service—Economics. Compiled from the reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1972*, table 339.

Table 339.—Peaches: Production and value, United States, 1963-77

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1963.....	3,539.5	3,418.1	4.35	149,024	1971.....	2,882.6	2,742.3	6.07	166,587
1964.....	3,452.6	3,276.3	4.60	150,736	1972.....	2,371.5	2,249.6	6.90	155,286
1965.....	3,473.8	3,152.3	4.43	139,282	1973.....	2,590.9	2,412.7	8.3	199,690
1966.....	3,350.2	3,194.4	5.13	163,785	1974.....	2,917.2	2,706.3	9.5	260,722
1967.....	2,687.7	2,825.3	6.28	158,025	1975.....	2,838.9	2,648.9	10.4	275,598
1968.....	3,636.7	3,395.4	5.29	179,705	1976.....	3,020.0	2,642.4	9.6	253,222
1969.....	3,654.3	3,410.0	5.23	178,246	1977 <sup>2</sup> .....	2,991.0	2,860.2	9.9	282,222
1970.....	2,995.8	2,786.3	6.04	168,315					

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 341.

Table 340.—Peaches: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Domestic exports					
	Fresh	Dried <sup>2</sup>	Canned	Canned, in fruit salad <sup>2</sup>	Dried, in fruit salad <sup>2,4</sup>	Total, in terms of fresh <sup>3</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1963.....	25,372	776	215,056	51,045	1,247	6,528
1964.....	20,089	1,018	236,565	67,980	1,313	7,059
1965.....	26,983	1,133	201,121	53,567	1,654	6,399
1966.....	26,813	1,280	229,094	61,157	1,142	6,884
1967.....	26,432	702	85,861	37,903	1,057	3,395
1968.....	38,115	267	114,887	44,792	826	4,247
1969.....	45,526	3,131	227,261	80,468	905	7,203
1970.....	38,813	4,335	168,151	34,785	712	5,520
1971.....	49,706	305	119,640	31,344	764	4,305
1972.....	54,625	532	111,353	39,470	735	4,431
1973.....	57,491	393	127,934	46,290	713	4,565
1974.....	50,028	668	98,031	33,359	813	3,951
1975.....	62,730	449	96,621	32,050	853	4,138
1976 <sup>1</sup> .....	60,891	1,139	118,089	36,435	749	4,706

See footnotes on page 234.

## 232 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 341.—Peaches: Production and season average price per pound, 1975–77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ala.....	7.0	14.0	10.0	7.0	14.0	10.0	22.7	15.3	14.9
Ark.....	35.0	42.0	40.0	35.0	41.1	39.0	13.7	11.6	11.3
Calif.:									
Freestone.....	401.0	464.0	476.0	401.0	464.0	476.0	7.0	7.4	8.8
Clingstone.....	16.7	14.5	18.0	16.0	14.0	14.5	17.0	16.8	13.7
Total.....	5.4	4.1	6.0	5.4	4.1	6.0	26.0	26.0	24.0
Del.....	3.2	1.6	2.4	3.2	1.6	2.4	10.1	17.0	12.5
Ga.....	95.0	200.0	90.0	95.0	140.0	90.0	23.8	12.0	15.3
Idaho.....	10.5	12.0	12.5	10.5	12.0	12.5	11.6	10.0	12.0
Ill.....	27.0	20.0	9.0	27.0	20.0	9.0	13.8	14.5	16.4
Ind.....	10.0	5.5	1.0	10.0	5.5	1.0	17.8	9.6	23.0
Kans.....	11.0	4.0	9.0	11.0	4.0	9.0	13.5	16.5	15.0
Ky.....	16.5	9.0	.1	16.5	9.0	.1	14.0	15.3	14.6
La.....	3.0	7.0	6.5	3.0	7.0	6.5	20.5	16.0	20.0
Md.....	23.0	18.0	21.0	23.0	18.0	21.0	12.5	13.3	13.5
Mass.....	4.1	3.3	3.5	4.1	3.3	3.5	20.0	26.0	22.0
Mich.....	65.0	40.0	55.0	55.0	40.0	55.0	13.4	14.1	15.6
Miss.....	4.0	5.0	4.0	4.0	5.0	4.0	19.0	15.0	17.0
Mo.....	23.0	22.5	11.0	23.0	22.5	11.0	15.6	18.8	20.0
N.J.....	95.0	80.0	110.0	90.0	75.0	110.0	15.7	16.2	17.0
N.Y.....	16.0	9.5	13.0	16.0	9.5	13.0	16.2	17.0	17.5
N.C.....	30.0	25.0	35.0	30.0	25.0	35.0	17.5	13.5	12.4
N.H.....	22.0	15.0	3.0	22.0	15.0	3.0	17.7	18.7	22.5
Okla.....	6.8	8.0	10.0	6.8	8.0	9.5	13.9	14.0	11.5
Oreg.....	13.0	15.0	18.0	13.0	15.0	18.0	17.0	17.6	14.7
Pa.....	90.0	90.0	95.0	90.0	90.0	95.0	12.2	13.0	12.9
S.C.....	210.0	270.0	275.0	210.0	265.0	267.0	16.2	14.5	14.2
Tenn.....	8.7	8.0	8.0	8.7	8.0	8.0	13.5	13.5	13.0
Tex.....	16.0	17.0	48.0	16.0	16.0	46.0	22.0	18.0	14.0
Utah.....	16.0	18.0	18.0	16.0	17.5	13.4	12.7	12.6	12.6
Va.....	32.0	15.0	18.0	32.0	15.0	19.0	12.5	13.9	15.0
Wash.....	45.0	50.0	41.0	44.7	49.0	41.0	9.2	8.9	10.9
W. Va.....	28.0	15.0	15.0	28.0	15.0	14.7	11.4	14.4	14.5
Total above.....	1,388.9	1,522.0	1,483.0	1,372.9	1,448.4	1,467.2	13.1	11.9	12.6
Calif.:									
Clingstone <sup>2</sup> .....	1,450.0	1,498.0	1,508.0	1,276.0	1,194.0	1,393.0	7.5	6.9	7.0
U.S.....	2,838.9	3,020.0	2,991.0	2,648.9	2,642.4	2,860.2	10.4	9.6	9.9

<sup>1</sup> Preliminary. <sup>2</sup> Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Mainly for canning. Includes culls and cannery diversions as follows (million pounds): 162.0 in 1975, 154.0 in 1976, and 115.0 in 1977.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 342.—Peaches, fresh: Production in specified countries, 1975–77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Asia:			
Canada.....	59.2	49.0	46.4	Japan.....	270.6	287.1	273.0
United States.....	1,287.7	1,369.9	1,356.7	Turkey.....	200.0	192.0	180.0
Total.....	1,346.9	1,418.9	1,403.1	Total.....	470.6	459.1	453.0
Europe:				Southern Hemisphere:			
Austria.....	8.5	8.0	8.2	Argentina.....	282.0	287.0	275.0
France.....	109.0	522.0	318.0	Australia.....	90.5	79.1	66.3
Germany, Fed. Rep. of.....	12.2	17.1	12.0	Chile.....	68.1	70.0	126.3
Greece.....	301.0	333.0	346.0	New Zealand.....	22.0	23.6	7.8
Italy.....	1,140.1	1,447.5	1,200.0	South Africa.....	183.3	176.6	173.7
Spain.....	281.4	447.0	165.5	Total.....	585.9	636.3	649.1
Yugoslavia.....	63.0	83.2	80.0	Total specified countries.....	4,318.6	5,372.1	4,661.9
Total.....	1,915.2	2,887.8	2,156.7				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 343.—Peaches: Production and utilization, United States, 1963-77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned <sup>1</sup>	Dried	Frozen	Other <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	3,539.5	3,415.1	46.0	3,372.1	1,408.6	1,754.4	76.6	90.7	11.8
1964.....	3,452.8	3,276.3	( <sup>3</sup> )	( <sup>3</sup> )	1,151.2	1,939.6	67.4	106.9	11.2
1965.....	3,473.8	3,182.3	-----	-----	1,338.5	1,646.7	70.6	82.3	14.2
1966.....	3,389.3	3,194.4	-----	-----	1,222.7	1,828.6	44.0	88.2	10.9
1967.....	2,687.7	2,825.3	-----	-----	966.8	1,413.4	23.5	96.9	22.7
1968.....	3,636.7	3,395.4	-----	-----	1,338.8	1,874.6	36.6	109.6	35.8
1969.....	3,684.3	3,410.0	-----	-----	1,384.8	1,876.3	56.2	64.2	28.5
1970.....	2,995.8	2,786.3	-----	-----	1,181.5	1,476.6	36.4	73.7	18.1
1971.....	2,852.6	2,742.3	-----	-----	1,201.0	1,367.1	26.8	86.3	28.1
1972.....	2,371.5	2,349.5	-----	-----	844.9	1,258.8	24.0	65.3	46.5
1973.....	2,560.9	2,412.7	-----	-----	935.2	1,325.4	24.0	104.9	23.2
1974.....	2,917.2	2,756.3	-----	-----	952.0	1,650.6	29.0	78.1	46.6
1975.....	2,838.9	2,648.9	-----	-----	1,102.9	1,432.0	38.0	82.7	23.3
1976.....	3,020.0	2,842.4	-----	-----	1,151.9	1,326.3	30.0	109.8	24.4
1977 <sup>4</sup> .....	2,991.0	2,860.2	-----	-----	1,184.5	1,506.7	28.0	115.8	25.2

<sup>1</sup> Includes some quantities frozen and otherwise processed prior to 1969.<sup>2</sup> Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years.<sup>3</sup> Estimates discontinued.<sup>4</sup> Beginning 1964, includes "Home use."<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 343.

Table 344.—Peaches: Production and utilization, by States, crop of 1977 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Calif., all.....	1,984.0	1,869.0	272.0	1,457.0	28.0	102.0	10.0
Clingstone.....	1,508.0	1,393.0	4.0	1,579.0	-----	-----	10.0
Freestone.....	476.0	476.0	268.0	78.0	28.0	102.0	-----
Ga.....	90.0	90.0	78.1	( <sup>3</sup> )	-----	( <sup>3</sup> )	( <sup>3</sup> )
N.J.....	110.0	110.0	( <sup>3</sup> )	( <sup>3</sup> )	-----	( <sup>3</sup> )	( <sup>3</sup> )
Pa.....	95.0	95.0	88.4	( <sup>3</sup> )	-----	( <sup>3</sup> )	( <sup>3</sup> )
S.C.....	275.0	267.0	242.0	17.8	-----	( <sup>3</sup> )	( <sup>3</sup> )
Wash.....	41.0	41.0	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	( <sup>3</sup> )
Other States <sup>4</sup> .....	396.0	388.2	504.0	31.0	-----	13.8	15.2
U.S.....	2,991.0	2,860.2	1,184.5	1,506.7	28.0	115.8	25.2

<sup>1</sup> Includes "Home use."<sup>2</sup> Used for jams, preserves, brandy, etc.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup> Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

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Table 345.—Peaches, canned: United States exports by country of destination, 1974-76

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1974	1975	1976		1974	1975	1976
Europe:	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	Bermuda and Caribbean:	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
Austria.....	83	42	36	Bahamas.....	9	6	1
Belgium and Luxembourg.....	63	71	94	Bermuda.....	4	9	8
Denmark.....	11	18	11	Netherlands Antilles.....	6	4	4
Finland.....	41	36	25	Other countries.....	6	6	3
France.....	4	39	4	Total.....	25	25	18
Germany, Fed. Rep. of.....	159	258	332	Other countries:			
Netherlands.....	71	84	98	Canada.....	1,280	1,054	1,030
Norway.....	26	32	43	China, Rep. of.....	9	20	20
Sweden.....	68	88	92	Hong Kong.....	12	13	17
Switzerland.....	143	14	29	Japan.....	41	170	557
United Kingdom.....	17	8	3	Kuwait.....	11	3	14
Other countries.....	15	24		Saudi Arabia.....	8	8	18
Total.....	731	712	767	Singapore.....	4	7	20
Latin America:				Other countries.....	24	30	37
Panama.....	12	12	22	Total.....	1,359	1,302	1,713
Peru.....	3	6		Grand total.....	2,147	2,077	2,542
Venezuela.....	1	3	4				
Other countries.....	16	17	20				
Total.....	32	38	46				

<sup>1</sup> Equivalent cases, 45-pound net weight.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 346.—Pears: Production and value, United States, 1963-77

Year	Total production	Utilized production	Season average price	Value	Year	Total production	Utilized production	Season average price	Value
	Tons	Tons	Dollars per ton	1,000 dollars		Tons	Tons	Dollars per ton	1,000 dollars
1963.....	471,520	468,520	111.00	52,087	1971.....	749,070	707,220	94.50	66,810
1964.....	728,470	718,565	92.30	66,359	1972.....	812,100	608,680	139.00	84,426
1965.....	499,850	496,225	132.00	65,550	1973.....	730,420	725,840	138.00	100,104
1966.....	748,170	720,915	87.80	63,273	1974.....	741,720	740,660	169.00	125,389
1967.....	463,880	452,790	164.00	74,073	1975.....	749,300	743,000	143.00	105,999
1968.....	624,140	617,680	135.00	83,462	1976.....	840,900	820,600	124.00	102,068
1969.....	726,620	711,570	101.00	71,815	1977 <sup>1</sup> .....	786,900	784,500	146.00	114,233
1970.....	848,903	538,780	133.00	71,652					

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-63 in *Agricultural Statistics, 1972*, table 346.

## FOOTNOTES FOR TABLE 340

<sup>1</sup> Year beginning October for 1976. <sup>2</sup> Net processed weight. <sup>3</sup> Canned peaches are 40 percent of total canned fruit for salad. <sup>4</sup> Dried peaches are 21 percent of total dried fruit for salad. <sup>5</sup> Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08 (1.07 prior to June 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh (6.5 prior to June 1965). Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh; 48 pounds fresh equals 1 bushel.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1972*, table 341.

Table 347.—Pears: Production and season average price per ton, by States, 1975-77

Variety and State	Total production			Utilized production			Price <sup>a</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Calif., all	303,350	373,500	334,600	303,350	353,500	334,600	143	125	135
Bartlett	297,000	365,000	326,000	297,000	345,000	326,000	143	124	134
Other	6,350	8,500	8,600	6,350	8,500	8,600	182	148	165
Colo.	6,000	6,400	6,900	6,000	6,400	6,900	153	124	169
Idaho	1,900	700	1,900	1,900	700	1,900	290	420	375
Mich.	1,850	2,000	1,800	1,850	2,000	1,800	193	238	290
N.Y.	15,000	7,000	12,000	15,000	7,000	12,000	140	224	230
Oreg., all	20,000	8,000	16,000	17,500	8,000	16,000	145	191	183
Bartlett	173,000	200,000	180,000	170,000	200,000	179,000	144	119	135
Other	79,000	75,000	80,000	79,000	75,000	79,000	116	101	95
Pa.	94,000	125,000	100,000	91,000	125,000	100,000	168	129	166
Utah	4,500	3,700	4,700	4,500	3,700	4,700	216	232	252
Wash., all	4,900	5,300	5,000	4,100	5,300	4,900	147	183	240
Bartlett	219,000	234,000	224,000	219,000	234,000	224,000	137	119	156
Other	123,500	140,000	138,000	133,500	140,000	138,000	121	117	124
U.S.	85,500	94,000	86,000	85,500	94,000	86,000	161	122	208
	749,300	840,800	786,600	743,000	820,800	784,500	143	124	146

<sup>1</sup> Preliminary.<sup>a</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 348.—Pears, fresh (dessert and cooking): Production in specified countries, 1975-77 <sup>1</sup>

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Continued			
Canada <sup>a</sup>	38	29	38	Switzerland <sup>a</sup>	26	21	31
Mexico	42	45	46	Yugoslavia	140	105	130
United States <sup>a</sup>	680	770	715	Total Other Europe	748	787	823
Total	760	844	799	Total Europe	3,137	3,440	2,504
Europe:				Asia:			
Belgium and Luxembourg	44	76	47	Japan	473	506	533
Denmark <sup>a</sup>	8	8	8	Turkey	240	255	230
France <sup>a</sup>	405	464	275	Total	713	761	763
Germany, Fed. Rep. of.	386	388	253	Southern Hemisphere:			
Italy	1,453	1,823	1,250	Argentina	97	123	160
Netherlands	65	130	110	Australia	140	112	129
United Kingdom <sup>a</sup>	28	64	38	Chile	24	25	37
Total EC	2,389	2,653	1,981	New Zealand	17	16	15
Other Europe:				South Africa	96	119	126
Austria <sup>a</sup>	53	44	44	Total	374	305	467
Greece	111	108	110	Total specified countries	4,994	5,440	4,533
Norway	8	12	8				
Spain <sup>a</sup>	405	489	214				
Sweden <sup>a</sup>	8	8	8				

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> Preliminary. <sup>3</sup> Commercial crop. <sup>4</sup> Excludes cider pears reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



## 236 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 349.—Pears, western: Average auction price per box, all grades, New York, 1963-77

Crop year	Bartlett	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nells	Weighted average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	6.46	3.96	6.40	6.30	4.74	4.11	5.88
1964.....	5.09	3.03	5.42	5.31	5.58	4.81	5.36
1965.....	8.12	3.56	5.89	6.74	5.63	3.59	6.65
1966.....	5.37	3.27	5.08	6.38	5.04	3.87	5.46
1967.....	7.88	4.54	6.47	7.37	6.12	-----	6.83
1968.....	7.78	4.94	7.96	8.64	6.40	4.12	7.83
1969.....	6.16	4.62	6.35	6.24	5.86	4.34	5.79
1970.....	7.77	4.58	7.72	9.40	6.49	4.79	7.61
1971.....	6.63	-----	6.34	6.70	6.33	-----	6.25
1972.....	8.05	-----	7.83	8.46	5.60	-----	8.17
1973.....	7.63	-----	7.83	7.13	7.75	5.28	7.63
1974.....	8.70	-----	8.90	9.78	7.15	5.93	8.25
1975.....	7.35	-----	8.50	8.27	7.84	3.65	7.78
1976.....	7.54	-----	8.56	10.41	7.26	4.98	8.12
1977 <sup>2</sup> .....	9.35	-----	10.55	8.24	9.20	-----	9.35

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1949-62 in *Agricultural Statistics, 1972*, table 350.

Table 350.—Pears: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports for consumption, fresh	Domestic exports					
		Fresh	Canned	Dried <sup>2</sup>	Dried, in fruit salad <sup>3</sup>	Canned, in fruit salad <sup>4</sup>	Total, in terms of fresh fruit <sup>5</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1963.....	21,914	28,706	6,001	428	989	44,663	2,146
1964.....	11,148	57,029	7,542	356	1,042	59,482	2,903
1965.....	6,890	69,779	5,725	562	1,313	46,871	2,691
1966.....	15,109	67,665	7,184	428	906	53,512	2,740
1967.....	26,469	51,190	3,375	205	839	33,168	1,890
1968.....	30,965	36,742	4,547	369	466	39,193	1,743
1969.....	23,582	67,999	4,155	389	718	44,186	2,470
1970.....	37,456	41,455	13,445	311	565	30,437	1,821
1971.....	16,403	56,304	9,295	377	607	27,426	1,988
1972.....	33,596	53,602	10,263	750	582	34,636	2,141
1973.....	18,479	86,277	11,879	243	656	40,503	2,890
1974.....	18,539	76,320	6,335	215	644	29,189	2,321
1975.....	15,606	74,767	7,864	571	677	28,652	2,376
1976 <sup>1</sup> .....	9,476	60,603	7,380	628	585	31,881	2,156

<sup>1</sup> Year beginning October for 1978.<sup>2</sup> Net processed weight.<sup>3</sup> Dried pears are 16½ percent of total dried fruit for salad.<sup>4</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>5</sup> Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh (1.2 prior to June 1965); dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh (3.5 prior to June 1965); 50 pounds fresh equals 1 bushel.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1972*, table 348.

Table 351.—Pears: International trade, 1974-76

Continent and country	1974		1975		1976	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	1,630	21,137	1,733	23,734	78	29,442
Mexico.....	.....	1,771	.....	.....	.....	.....
United States.....	32,629	7,483	32,387	7,402	32,892	4,276
Total.....	34,259	30,391	34,110	31,136	32,968	33,718
South America:						
Argentina.....	32,528	.....	32,814	.....	47,872	.....
Brazil.....	.....	30,166	.....	29,968	.....	39,995
Chile.....	5,372	.....	5,625	.....	12,136	.....
Total.....	37,900	30,166	41,739	29,968	60,008	39,995
Europe:						
Austria.....	1,347	23,193	1	16,679	2,012	22,891
Belgium and Luxembourg.....	12,814	17,884	20,770	18,406	13,382	17,644
Denmark.....	702	5,008	582	5,076	329	5,275
Finland.....	.....	11,438	.....	9,434	.....	7,907
France.....	39,898	39,690	40,141	56,933	44,859	54,090
Germany, Fed. Rep. of.....	1,023	179,834	3,400	162,285	3,925	162,128
Ireland.....	.....	3,102	.....	3,405	.....	3,649
Italy.....	282,188	3,229	238,238	4,873	204,842	3,822
Netherlands.....	44,080	19,127	35,887	23,384	34,435	20,561
Norway.....	.....	7,679	.....	8,112	.....	7,720
Sweden.....	602	20,882	565	22,091	589	19,144
United Kingdom.....	.....	48,474	.....	50,638	.....	47,937
Yugoslavia.....	17	538	.....	.....	.....	.....
Total.....	382,680	380,968	339,584	381,283	304,364	373,438
Africa:						
Morocco.....	25	.....	13	.....	12	.....
South Africa.....	22,724	.....	29,794	.....	36,712	.....
Total.....	22,749	.....	29,807	.....	36,724	.....
Asia:						
Japan.....	5,014	.....	1,223	.....	691	.....
Oceania:						
Australia.....	37,129	.....	35,307	.....	33,875	.....
New Zealand.....	2,038	.....	1,587	.....	1,431	.....
Total.....	39,165	.....	36,894	.....	35,306	.....
World total.....	521,767	441,525	483,357	442,387	470,061	447,151

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

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Table 352.—Pears: Production and utilization, United States, 1963–77

Crop of—	Total production	Utilized production	Farm disposition		Utilization of quantities sold		
			Home use	Sold	Fresh	Processed (fresh basis)	
						Canned <sup>1</sup>	Dried
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1963.....	471,520	468,520	6,674	461,846	183,996	275,050	2,800
1964.....	728,470	718,565	( <sup>2</sup> )	( <sup>2</sup> )	258,845	450,920	8,800
1965.....	499,850	496,225	.....	.....	204,400	290,725	1,100
1966.....	748,170	720,915	.....	.....	290,954	421,651	8,300
1967.....	453,880	452,780	.....	.....	191,878	259,702	1,300
1968.....	624,140	617,680	.....	.....	212,414	402,066	2,600
1969.....	726,620	711,870	.....	.....	271,151	438,219	4,200
1970.....	648,805	638,780	.....	.....	197,923	337,357	3,500
1971.....	749,070	707,220	.....	.....	284,787	417,933	4,500
1972.....	612,100	608,680	.....	.....	251,035	352,345	5,300
1973.....	730,420	725,840	.....	.....	307,230	413,710	4,900
1974.....	741,720	740,660	.....	.....	298,960	439,600	5,100
1975.....	749,300	745,000	.....	.....	327,980	( <sup>3</sup> )	( <sup>3</sup> )
1976.....	840,600	820,600	.....	.....	340,730	( <sup>3</sup> )	( <sup>3</sup> )
1977 <sup>4</sup> .....	786,600	784,500	.....	.....	303,200	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> For some States includes some dried or otherwise processed.<sup>2</sup> Estimates discontinued.<sup>3</sup> Beginning 1964, includes "Home use."<sup>4</sup> Not published to avoid disclosure of individual operations.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949–62 in *Agricultural Statistics, 1972*, table 351.

Table 353.—Pears: Production and utilization, by States, crop of 1977 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh <sup>1</sup>	Processed <sup>2</sup>
	Tons	Tons	Tons	Tons
Calif., all.....	334,600	334,600	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	326,600	326,000	61,000	265,000
Other.....	8,000	8,600	( <sup>3</sup> )	( <sup>3</sup> )
Colo.....	6,900	6,900	( <sup>3</sup> )	( <sup>3</sup> )
Conn.....	1,800	1,500	1,500	.....
Idaho.....	1,800	1,800	1,800	.....
Mich.....	12,000	12,000	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.....	16,000	16,000	( <sup>3</sup> )	( <sup>3</sup> )
Oreg., all.....	180,000	179,000	99,800	79,200
Bartlett.....	80,000	79,000	13,800	65,200
Other.....	100,000	100,000	86,000	14,000
Pa.....	4,700	4,700	( <sup>3</sup> )	( <sup>3</sup> )
Utah.....	5,000	4,900	4,900	.....
Wash., all.....	224,000	224,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	138,000	138,000	35,000	103,000
Other.....	86,000	86,000	( <sup>3</sup> )	( <sup>3</sup> )
U.S.....	786,600	784,500	303,200	481,300

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly canned, but includes small quantities dried, juiced, and other uses.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 354.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1963-77

Year	Area harvested	Yield per acre <sup>1</sup>	Production (°)	Utilization		Price per pound	Value
				Fresh	Processed		
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1963.....	490	30.7	14,075	11,725	2,350	7.5	1,053
1964.....	750	33.2	21,850	17,514	4,286	4.7	1,028
1965.....	790	24.5	17,935	14,698	3,237	6.2	1,112
1966.....	600	31.1	18,680	15,225	3,455	7.1	1,326
1967.....	760	30.1	22,845	19,393	3,452	7.4	1,091
1968.....	830	28.4	23,550	20,065	3,465	9.6	2,261
1969.....	850	22.6	19,235	16,337	2,898	12.4	2,385
1970.....	1,040	24.0	24,960	22,538	1,022	9.8	2,436
1971.....	970	21.4	20,755	19,172	1,553	12.2	2,736
1972.....	953	26.1	25,733	21,959	3,776	13.3	3,423
1973.....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974.....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975.....	1,840	21.7	39,896	34,952	4,944	14.2	5,068
1976.....	1,930	25.6	50,037	43,588	6,449	12.3	6,134
1977 <sup>2</sup> .....	2,155	29.5	63,548	53,987	9,561	11.9	7,568

<sup>1</sup> Derived from total production.<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 25 in 1963, 3,035 in 1964, and 1,445 in 1965.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 355.—Persimmons: Production, price, and value, California, 1963-77

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	2,800	153.00	398	1971.....	1,350	126.00	170
1964.....	2,200	161.00	354	1972.....	2,500	229.00	573
1965.....	2,100	163.00	342	1973.....	1,950	373.00	727
1966.....	2,300	127.00	292	1974.....	2,500	334.00	835
1967.....	1,200	240.00	288	1975.....	1,850	345.00	635
1968.....	1,600	164.00	246	1976.....	2,200	396.00	871
1969.....	1,800	125.00	200	1977 <sup>1</sup> .....	2,000	350.00	700
1970.....	2,000	122.00	244				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 356.—Pomegranates: Production, price, and value, California, 1963-77

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	3,800	98.00	353	1971.....	8,500	131.00	1,114
1964.....	4,000	100.00	400	1972.....	7,100	124.00	880
1965.....	3,300	92.00	304	1973.....	8,800	170.00	986
1966.....	3,400	100.00	340	1974.....	8,100	151.00	1,223
1967.....	2,400	118.00	283	1975.....	8,600	143.00	1,230
1968.....	2,900	97.00	281	1976.....	9,000	210.00	1,890
1969.....	7,400	123.00	910	1977 <sup>1</sup> .....	9,500	203.00	1,929
1970.....	8,000	135.00	1,080				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 357.—Prunes and plums: <sup>1</sup> Production, value, and utilization, 4 States, 1963–77

Year	Total production	Utilized production	Season average price per ton <sup>4</sup>	Value	Farm disposition		Utilization of quantities sold			
					Home use	Sold	Fresh	Processed (fresh basis)		
								Dried	Canned <sup>2</sup>	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	Tons	Tons
1963.....	81,900	50,940	123.00	6,289	1,175	49,785	29,035	455	19,835	440
1964.....	84,300	79,585	62.10	4,387	( <sup>3</sup> )	( <sup>3</sup> )	436,735	5,475	27,565	890
1965.....	74,300	72,574	83.20	6,038	-----	-----	36,341	5,700	29,168	1,365
1966.....	67,300	66,180	99.70	6,600	-----	-----	33,720	7,100	24,010	1,250
1967.....	75,700	73,972	95.80	7,084	-----	-----	34,343	7,400	29,829	2,400
1968.....	45,000	41,280	114.00	4,694	-----	-----	25,010	300	14,995	975
1969.....	104,000	94,200	82.90	7,811	-----	-----	43,280	7,400	38,020	5,500
1970.....	81,500	48,350	121.00	5,826	-----	-----	28,040	3,950	13,110	3,250
1971.....	88,400	65,000	89.80	5,821	-----	-----	34,290	5,500	23,000	2,220
1972.....	42,400	41,890	173.00	7,228	-----	-----	29,040	2,000	7,460	3,380
1973.....	73,300	66,550	148.00	9,816	-----	-----	29,350	11,080	21,730	4,420
1974.....	71,200	71,200	150.00	10,685	-----	-----	35,350	( <sup>5</sup> )	21,665	( <sup>5</sup> )
1975.....	75,600	71,600	113.00	8,097	-----	-----	24,550	11,000	23,500	2,550
1976.....	77,000	73,500	123.00	9,046	-----	-----	38,150	12,350	20,900	1,900
1977 <sup>6</sup> .....	61,000	58,000	150.00	9,247	-----	-----	30,700	11,800	14,200	1,300

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.<sup>2</sup> Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1976. Beginning 1976, other uses included in "Dried."<sup>3</sup> Estimates discontinued.<sup>4</sup> Beginning 1964, includes "Home use."<sup>5</sup> Not published to avoid disclosure of individual operations.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1969–62 in *Agricultural Statistics, 1972*, table 353.

Table 358.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1975–77

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Idaho.....	4,000	7,000	7,000	3,500	5,500	7,000	200.00	242.00	251.00
Mich.....	21,000	16,000	14,000	20,000	16,000	14,000	119.00	133.00	141.00
Oreg.....	30,000	31,000	28,000	27,500	29,000	25,000	103.00	107.00	128.00
Wash.....	20,600	23,000	12,000	20,600	23,000	12,000	106.00	108.00	193.00
Total, 4 States.....	75,600	77,000	61,000	71,600	73,500	58,000	113.00	123.00	150.00

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 359.—Plums, California: Production, value, and utilization, 1963-77

Season	Utilized production	Total production	Season average price per ton <sup>1</sup>	Value	Farm disposition		Utilization of quantities acid	
					Home use	Sold	Fresh	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
					(?) 200	100,800 (?)	95,000	5,800
1963.....	106,000	101,000	162.00	16,382			95,000	5,800
1964.....	113,000	110,000	167.00	11,770			105,200	4,800
1965.....	113,000	108,000	97.00	10,476			102,600	5,400
1966.....	95,000	86,000	182.00	15,652			82,400	3,600
1967.....	98,000	95,000	180.00	17,100			90,400	4,600
1968.....	106,000	106,000	178.00	18,968			100,700	5,300
1969.....	67,000	67,000	237.00	15,879			63,600	3,400
1970.....	123,000	123,000	160.00	19,680			119,300	3,700
1971.....	101,000	101,000	229.00	23,129			98,200	2,900
1972.....	96,000	96,000	248.00	23,808			93,300	2,700
1973.....	97,000	97,000	321.00	31,137			93,800	3,200
1974.....	143,000	143,000	275.00	39,325			140,000	3,000
1975.....	124,000	124,000	279.00	34,596			121,360	2,640
1976.....	115,000	115,000	380.00	43,700			111,900	3,100
1977 <sup>2</sup> .....	157,000	157,000	313.00	49,141			156,000	1,000

<sup>1</sup> Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

<sup>2</sup> Estimates discontinued.

<sup>3</sup> Beginning 1964, includes "Home use."

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 360.—Prunes (dried basis), California: Production, value, and utilization, 1963-77<sup>1</sup>

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Farm disposition	
				Home use	Sold <sup>4</sup>
	Tons	Dollars	1,000 dollars	Tons	Tons
				100	132,900
				(?)	(?)
1963.....	133,000	305.00	40,565		
1964.....	180,000	230.00	41,400		
1965.....	167,000	240.00	40,080		
1966.....	132,000	325.00	42,900		
1967.....	164,000	276.00	45,264		
1968.....	153,000	301.00	46,053		
1969.....	130,000	288.00	37,440		
1970.....	200,000	202.00	40,400		
1971.....	131,000	287.00	37,597		
1972.....	77,000	535.00	41,195		
1973.....	205,000	462.00	94,710		
1974.....	142,000	440.00	62,480		
1975.....	149,000	402.00	59,898		
1976.....	148,000	412.00	60,976		
1977 <sup>4</sup> .....	157,000	490.00	76,930		

<sup>1</sup> The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.

<sup>2</sup> Production all utilized.

<sup>3</sup> Equivalent returns at the processing plant door.

<sup>4</sup> All dried.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

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Table 361.—Prunes and plums: <sup>1</sup> Utilization and season average price per ton, 1975-77

State and season	Quantity				Price <sup>4</sup>		
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Idaho:							
1975	3,500				200.00		
1976	5,500				242.00		
1977	7,000				251.00		
Mich.:							
1975	5,000		11,500		180.00		86.00
1976	5,000		( <sup>5</sup> )		227.00		( <sup>5</sup> )
1977	6,600		6,400		193.00		( <sup>5</sup> )
Oreg.:							
1975	9,000		( <sup>5</sup> )		128.00		( <sup>5</sup> )
1976	10,500		8,300		127.00		81.00
1977	7,500		6,700		211.00		88.00
Wash.:							
1975	16,050		( <sup>5</sup> )		122.00		( <sup>5</sup> )
1976	17,150		( <sup>5</sup> )		130.00		( <sup>5</sup> )
1977	9,600		1,100		226.00		102.00
Total 4 States:							
1975	34,550	11,000	23,500		142.00	81.60	84.70
1976	38,150	12,850	20,900		158.00	84.60	85.90
1977	30,700	11,800	14,200		230.00	86.90	92.30

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations.

<sup>4</sup> Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.

<sup>5</sup> Not published to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 362.—Prunes and plums, fresh: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Continued			
Canada	10.5	6.4	7.6	Yugoslavia	980.0	862.0	737.0
United States	594.7	583.7	653.5	Total	1,555.0	1,600.8	1,565.5
Total	605.2	590.1	661.1	Asia:			
Europe:				Turkey	129.5	136.6	145.0
Austria	75.2	81.9	73.6	Southern Hemisphere:			
Belgium and Luxembourg	1.5	6.8	2.3	Argentina	74.0	92.0	78.0
Denmark	1.3	1.9	2.0	Australia	23.2	26.5	22.2
France	25.5	111.7	51.5	Chile	16.2	17.0	13.5
Germany, Fed. Rep. of	193.8	451.2	349.6	New Zealand	3.8	4.6	2.4
Greece	19.0	19.0	18.0	South Africa	7.8	9.1	7.7
Italy	138.2	171.0	160.0	Total	125.0	149.2	123.8
Netherlands	4.2	5.0	5.0	Total specified countries	2,414.7	2,476.7	2,465.4
Norway	11.6	15.8	14.2				
Spain	80.7	85.5	82.3				
Switzerland	44.0	44.0	30.0				
United Kingdom	21.0	45.0	50.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



Table 363.—Prunes, dried: United States exports by country of destination, 1974-76

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1974	1975	1976		1974	1975	1976
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	204	457	802	Bahamas.....	0	17	3
Belgium and Luxembourg.....	1,464	1,465	1,736	Bermuda.....	17	10	19
Denmark.....	2,197	2,622	3,111	Dominican Republic.....	79	121	119
Finland.....	2,438	3,902	2,787	Jamaica.....	76	36	8
France.....	5,977	11,677	5,512	Netherlands Antilles.....	92	98	100
Germany, Fed. Rep. of.....	3,496	3,643	3,678	Trinidad and Tobago.....	148	183	127
Iceland.....	78	71	92	Other countries.....	16	14	12
Ireland.....	117	138	81				
Italy.....	5,003	8,799	6,681	<b>Total.....</b>	<b>437</b>	<b>462</b>	<b>388</b>
Netherlands.....	1,279	1,477	763				
Norway.....	1,136	1,982	1,737	<b>Other countries:</b>			
Poland.....	1,091	516	1,153	Australia.....	515	296	134
Spain.....	754	1,713	948	Canada.....	4,752	4,140	4,193
Sweden.....	2,477	3,114	2,963	Canary Islands.....	4	33	28
Switzerland.....	497	537	670	China, Rep. of.....	235	315	356
United Kingdom.....	3,675	3,278	2,100	Hong Kong.....	443	525	452
Other countries.....	17	22	87	Israel.....	67	15	213
<b>Total.....</b>	<b>31,900</b>	<b>45,410</b>	<b>34,684</b>	Japan.....	703	1,126	1,556
				Malaysia.....	161	205	267
<b>Latin America:</b>				New Zealand.....	597	703	396
Brazil.....	313	93	47	Singapore.....	339	396	396
Colombia.....	57	36	47	South Africa.....	370	—	638
Costa Rica.....	30	7	19	Soviet Union.....	—	2,234	1,847
Ecuador.....	93	90	110	Thailand.....	44	75	73
Guatemala.....	29	43	31	Other countries.....	128	193	104
Mexico.....	678	1,483	664				
Nicaragua.....	16	22	27	<b>Total.....</b>	<b>8,358</b>	<b>10,256</b>	<b>10,623</b>
Panama.....	127	176	126				
Venezuela.....	1,078	831	992	<b>Grand total.....</b>	<b>43,154</b>	<b>58,988</b>	<b>47,789</b>
Other countries.....	38	79	87				
<b>Total.....</b>	<b>2,459</b>	<b>2,890</b>	<b>2,094</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 364.—Prunes: Foreign trade, United States, 1963-76

Year beginning July <sup>1</sup>	Imports			Domestic exports				
	Fresh prunes and plums	Otherwise prepared or preserved	Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Canned prunes and plums	Dried prunes <sup>3</sup>	Dried, in fruit salad <sup>4</sup>	Total, in terms of fresh <sup>2</sup>
	<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1963.....	1,455	1,049	125	2,231	9,781	2,803	40,659	1,277
1964.....	1,689	1,037	80	2,346	9,938	659	49,175	1,344
1965.....	1,212	1,205	87	1,940	15,993	(b)	62,074	1,694
1966.....	836	1,167	520	2,711	6,214	—	45,734	1,189
1967.....	1,846	1,230	680	4,165	13,862	—	45,390	1,082
1968.....	2,193	1,228	426	3,832	9,899	—	44,163	846
1969.....	1,491	1,311	1,028	4,746	16,613	—	40,320	926
1970.....	1,506	1,316	928	4,503	11,891	—	42,173	729
1971.....	939	1,634	1,015	4,308	14,732	—	42,239	782
1972.....	318	2,173	4,826	13,824	16,717	—	36,714	750
1973.....	813	1,988	597	18,462	17,824	—	58,816	946
1974.....	794	1,778	33	1,686	18,469	—	39,905	831
1975.....	1,520	2,086	298	3,229	21,897	—	70,234	873
1976 <sup>5</sup> .....	903	1,950	549	3,305	23,680	—	52,812	767

<sup>1</sup> Year beginning October for 1976.<sup>2</sup> Net processed weight.<sup>3</sup> Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04 (1.025 prior to 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh (2½ pounds prior to 1965). Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.<sup>4</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>5</sup> No longer reported separately.Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Data for 1944-62 in *Agricultural Statistics, 1978*, table 360.

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Table 365.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1963-77

Year	Fresh market and processing					Fresh market <sup>1</sup>			Processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1963.....	80,070	64	5,099	18.70	95,529	2,951	23.80	69,632	2,148	12.10	25,997
1964.....	74,850	73	5,490	20.00	109,979	3,098	24.50	75,982	2,392	14.20	33,996
1965.....	67,940	64	4,328	22.10	95,836	2,629	25.60	67,238	1,699	16.80	28,596
1966.....	66,180	70	4,644	22.20	103,068	2,659	26.20	69,656	1,985	16.80	33,412
1967.....	63,700	74	4,740	20.50	97,029	2,818	24.50	69,101	1,922	14.80	27,928
1968.....	65,700	90	5,356	21.30	112,010	3,373	24.30	81,627	1,853	16.00	30,183
1969.....	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970.....	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971.....	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972.....	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973.....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974.....	39,260	137	5,362	28.70	153,967	3,680	32.40	119,133	1,682	20.70	34,834
1975.....	39,190	139	5,432	30.40	165,340	3,700	35.40	130,905	1,732	19.90	34,435
1976.....	33,790	169	5,713	32.60	187,291	3,601	37.60	135,857	2,112	24.50	51,754
1977 <sup>4</sup> .....	34,300	190	6,509	35.00	214,947	4,185	38.90	162,938	2,321	22.40	52,009

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 77 in 1964, 302 in 1965, 4 in 1966, 44 in 1967, 70 in 1968, 100 in 1970, and 1 in 1977.

<sup>2</sup> Fresh market on f.o.b. basis. Beginning 1964, processing value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 361.

Table 366.—Strawberries, commercial crop: Area, production, and value per hundred-weight, by States, 1975-77<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
Fla.....	1,200	1,400	1,500	198	210	218	42.30	42.30	41.10
Total.....	1,200	1,400	1,500	198	210	218	42.30	42.30	41.10
Spring:									
Ark.....	1,100	1,100	900	45	50	43	36.00	35.00	35.80
Calif.....	10,000	10,800	11,000	3,800	4,212	5,230	29.50	32.20	32.30
Ill. <sup>3</sup> .....	900			32			26.50		
Ind. <sup>3</sup> .....	900			30			37.70		
Ky. <sup>3</sup> .....	600			24			37.20		
La.....	900	850	850	66	60	52	53.40	46.00	43.00
Md. <sup>3</sup> .....	580			18			36.80		
Mass. <sup>3</sup> .....	290			17			40.00		
Mich. <sup>3</sup> .....	3,000	2,900	2,800	165	174	151	32.10	33.30	31.80
Mo. <sup>3</sup> .....	450			20			33.30		
N.J.....	900	800	750	41	36	32	36.10	38.50	49.60
N.Y.....	1,600	1,400	1,400	66	46	60	40.50	40.00	54.30
N.C. <sup>3</sup> .....	2,100	2,100	2,100	48	44	42	42.40	46.00	44.00
Ohio.....	1,400	1,400	1,400	69	80	69	38.00	38.00	42.00
Okl. <sup>3</sup> .....	600			25			37.50		
Oreg.....	5,800	5,800	5,800	418	478	330	25.00	28.50	28.50
Pas.....	1,000	1,100	1,100	37	37	40	51.30	53.60	60.90
Tenn. <sup>3</sup> .....	670			13			37.40		
Va. <sup>3</sup> .....	400			10			34.30		
Wash.....	3,400	3,300	3,300	231	251	201	21.60	27.70	28.00
Wis.....	1,400	1,400	1,300	39	35	31	40.40	42.00	46.00
Total.....	37,990	32,350	32,800	5,234	5,503	6,291	30.00	32.40	32.70
U.S.....	39,190	33,750	34,300	5,432	5,713	6,509	30.40	32.80	33.00

See footnotes on page 245.

Table 367.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1975-77

Utilization, season, and State	Production			Value per unit		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>						
Winter:	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Fla.....	198	210	218	42.30	42.20	41.10
Total.....	198	210	218	42.30	42.20	41.10
Spring:						
Ark.....	45	50	43	36.00	35.00	35.80
Calif.....	2,709	2,811	3,436	33.90	36.90	38.20
Ill. <sup>3</sup> .....	32			26.50		
Ind. <sup>3</sup> .....	50			37.70		
Ky. <sup>3</sup> .....	24			37.20		
La.....	66	60	52	53.40	46.00	43.00
Md. <sup>3</sup> .....	18			36.80		
Mass. <sup>3</sup> .....	17			40.00		
Mich.....	110	100	95	36.10	36.00	33.00
Mo. <sup>3</sup> .....	30			33.80		
N.J.....	41	36	32	36.10	38.50	49.60
N.Y.....	66	46	60	40.50	40.00	54.30
N.C.....	48	44	42	42.40	46.00	44.00
Ohio.....	69	80	69	38.00	38.00	42.00
Okla. <sup>3</sup> .....	23			37.50		
Oreg.....	38	62	38	32.90	35.20	36.00
Pa.....	37	37	40	51.30	53.60	60.90
Tenn. <sup>3</sup> .....	13			37.40		
Va. <sup>3</sup> .....	10			34.80		
Wash.....	25	30	32	25.60	30.40	31.10
Wis.....	39	35	31	49.40	42.00	46.00
Total.....	3,502	3,391	3,970	35.00	37.40	38.80
U.S.....	3,700	3,601	4,188	35.40	37.60	38.90
<b>PROCESSING</b>						
Spring:						
Calif.....	1,091	1,401	1,784	18.70	22.90	20.80
Mich.....	55	74	56	24.10	29.70	29.70
Oreg.....	380	416	312	22.00	27.50	27.60
Wash.....	306	221	169	21.10	27.30	27.40
U.S.....	1,732	2,112	2,321	19.90	24.50	22.40

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.<sup>3</sup> Estimates discontinued in 1976.

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## FOOTNOTES FOR TABLE 366

<sup>1</sup> Includes quantities used for fresh market and processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued in 1976.<sup>4</sup> Does not include 1,000 cwt. in 1977 not harvested or marketed because of economic conditions.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 368.—Fruits: Unloads at 8 markets, by commodities, 1977

Commodity	Boston			New York <sup>1</sup>			Philadelphia			Baltimore <sup>2</sup>		
	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Apples.....	112	1,567	1,679	1,070	2,821	3,891	245	1,317	1,563	155	1,052	1,207
Grapefruit.....	51	955	1,006	206	2,550	2,756	42	1,020	1,062	1	738	739
Grapes.....	97	699	796	639	1,130	1,769	54	788	842	1	489	490
Lemons.....	96	93	189	435	436	871	103	432	535	26	306	332
Mixed citrus.....	45	.....	45	199	.....	199	14	.....	14	32	39	71
Oranges <sup>4</sup> .....	829	309	1,138	1,893	1,974	3,867	361	1,242	1,603	70	1,104	1,174
Peaches.....	4	770	774	14	1,723	1,737	1	542	543	.....	241	241
Pears.....	209	285	494	815	768	1,583	97	480	577	33	254	287
Plums and fresh prunes.....	95	285	380	543	514	1,057	83	355	438	2	183	185
Strawberries.....	213	491	704	593	696	1,289	115	499	614	75	356	431
Tangerines.....	2	259	261	33	578	609	4	306	310	.....	192	192
Miscellaneous.....	249	2,480	2,729	9,565	1,842	11,107	123	3,198	3,330	779	2,964	3,743
Total.....	1,994	8,393	10,387	16,005	14,700	30,705	1,251	10,179	11,430	1,174	7,788	8,962

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Apples.....	73	959	1,032	70	2,167	2,237	10	6,702	6,712	.....	2,206	2,206
Grapefruit.....	.....	251	251	60	916	976	.....	1,654	1,654	.....	1,178	1,178
Grapes.....	4	294	298	299	687	986	34	2,145	2,169	1	695	696
Lemons.....	1	245	246	96	262	358	.....	836	836	.....	301	301
Mixed citrus.....	.....	1	1	52	.....	52	.....	.....	.....	.....	.....	.....
Oranges <sup>4</sup> .....	.....	733	733	370	1,375	1,745	.....	4,965	4,965	.....	2,103	2,103
Peaches.....	.....	311	311	88	465	553	1	1,397	1,398	1	625	626
Pears.....	1	107	108	67	600	667	3	960	963	.....	365	365
Plums and fresh prunes.....	.....	71	71	188	214	392	.....	719	719	.....	221	221
Strawberries.....	.....	584	584	351	320	671	7	1,537	1,544	.....	1,026	1,026
Tangerines.....	.....	99	99	4	250	254	.....	503	503	.....	135	135
Miscellaneous.....	14	1,761	1,775	496	2,884	4,380	6,637	3,706	10,363	724	5,162	5,886
Total.....	93	5,416	5,509	2,131	11,140	13,271	6,702	25,126	31,828	726	14,015	14,741

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1977 are as follows: New York, 75; Baltimore, 85-90; Atlanta, Chicago, and Philadelphia, 90; Boston, 90-95; and Los Angeles and San Francisco, 95.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Washington.

<sup>4</sup> Includes satsumas.

<sup>5</sup> Includes Oakland.

Agricultural Marketing Service.

Table 369.—Fruits: Total unloads at 8 markets, 1963-77

Year	Boston			New York <sup>1</sup>			Philadelphia			Baltimore <sup>1</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963	5,640	5,830	11,160	37,274	18,360	52,634	7,285	7,886	15,171	4,131	2,065	6,196
1964	6,093	5,046	11,139	39,658	14,002	53,660	7,584	8,054	15,638	3,675	2,214	6,089
1965	6,254	5,596	11,822	40,783	14,894	55,677	7,737	7,968	15,406	4,061	2,307	6,368
1966	5,829	5,288	11,112	41,394	13,241	54,635	7,962	7,488	15,150	4,484	1,909	6,493
1967	5,615	4,724	10,339	40,008	13,396	53,404	7,519	7,947	15,466	4,147	2,075	6,222
1968	4,181	5,310	9,491	35,468	14,239	49,707	6,198	7,708	13,906	2,797	2,332	5,129
1969	4,903	5,005	9,908	35,635	13,663	49,298	6,516	7,618	14,134	2,371	2,554	4,925
1970	4,831	5,539	10,370	34,498	15,091	49,499	6,651	7,893	14,544	2,323	2,287	4,610
1971	4,943	5,678	10,621	34,536	11,880	46,416	6,391	6,679	12,970	2,329	2,099	4,428
1972	5,073	5,580	10,653	29,838	10,666	40,504	5,821	6,567	12,418	2,359	2,356	4,715
1973	4,148	5,616	9,764	25,813	12,353	37,866	4,519	6,952	11,471	1,601	2,503	4,104
1974	4,121	6,243	10,364	25,972	13,989	39,968	4,119	7,832	12,001	1,968	2,486	4,184
1975	3,516	7,351	10,867	23,221	15,907	39,218	3,191	8,795	11,986	1,439	2,890	4,329
1976	2,824	8,860	11,384	17,394	15,416	32,810	1,741	9,765	11,506	1,418	7,864	9,382
1977	1,994	8,393	10,387	16,005	14,700	30,705	1,251	10,179	11,430	1,174	7,788	8,962

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963	759	5,538	6,317	9,723	7,527	17,250	8,893	32,325	31,018	4,384	9,477	13,861
1964	806	5,538	6,404	10,232	7,297	17,529	8,858	33,814	32,372	3,537	10,738	14,275
1965	692	5,788	6,490	12,234	6,431	18,665	9,382	23,040	32,422	3,323	10,852	13,875
1966	717	5,852	6,569	11,983	6,186	18,168	10,405	22,729	33,134	3,177	11,102	14,379
1967	673	5,648	6,321	10,061	6,477	16,538	10,604	21,760	32,364	1,384	13,749	15,133
1968	588	1,109	5,695	9,052	7,566	16,618	7,429	21,795	29,224	439	11,953	12,392
1969	560	5,077	5,637	9,076	7,438	16,511	6,186	22,414	28,600	257	12,337	12,594
1970	507	5,514	6,021	7,067	7,713	14,780	7,115	22,475	29,590	267	12,981	13,348
1971	278	5,886	6,164	5,559	8,924	14,483	7,820	22,567	30,387	445	12,106	12,550
1972	194	5,753	5,979	5,128	8,803	13,931	6,885	22,276	29,161	462	12,388	12,850
1973	209	5,297	5,506	4,216	10,364	14,580	5,679	21,304	26,963	738	12,259	12,997
1974	142	5,490	5,632	4,927	10,847	15,774	6,322	22,489	28,811	877	13,446	14,023
1975	121	5,694	5,815	3,450	12,713	16,163	5,949	24,022	29,871	630	14,900	14,630
1976	54	5,783	5,817	2,847	13,112	15,959	6,141	25,579	31,720	699	14,134	14,833
1977	93	5,416	5,609	2,131	11,140	13,271	6,702	25,156	31,828	738	14,015	14,741

<sup>1</sup> Estimated percentage of completeness for reported truck unloads for 1977 are as follows: New York, 75; Baltimore, 85-90; Atlanta, Chicago, and Philadelphia, 90-95; and Los Angeles and San Francisco, 95.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Washington.

<sup>4</sup> Includes Oakland.

Agricultural Marketing Service. Data for 1955-62 in *Agricultural Statistics*, 1978, table 365.

## FOOTNOTES FOR TABLE 371

<sup>1</sup> Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, persimmons, pomegranates, and prunes and plums.

<sup>2</sup> Includes culls and cannery diversions for California Clingstone peaches (tons): 1963—48,000; 1964—76,000; 1965—89,000; 1966—85,000; 1967—79,000; 1968—88,000; 1969—114,000; 1970—48,000; 1971—81,000; 1972—60,000; 1973—81,000; 1974—78,000; 1975—81,000; 1976—77,000; and 1977—57,500.

<sup>3</sup> Included in "Other" prior to 1968.

<sup>4</sup> Excludes culls and cannery diversions for California Clingstone peaches.

<sup>5</sup> Preliminary.

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## 248 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 370.—Fruits, fresh: Carlot rail and boat shipments of specified kinds, United States, 1963-77<sup>1</sup>

Year	Apples	Citrus fruits				Grapes		Peaches	Pears
		Oranges <sup>2</sup>	Grapefruit	Lemons	Mixed citrus	California	Other		
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963.....	20,213	24,420	6,226	12,770	4,282	20,991	583	2,850	4,615
1964.....	18,729	30,538	7,883	12,783	4,916	21,016	504	2,861	6,968
1965.....	10,741	35,330	10,182	11,859	5,873	23,233	603	2,193	4,763
1966.....	17,335	37,813	9,666	12,796	6,426	21,938	611	2,008	7,724
1967.....	12,654	38,747	11,489	12,406	6,182	16,882	624	968	4,007
1968.....	8,776	23,989	8,020	12,279	4,554	16,310	568	1,224	4,928
1969.....	14,853	36,581	8,688	10,446	3,189	18,957	652	1,314	6,848
1970.....	9,098	24,553	7,068	11,250	3,140	13,416	340	894	3,997
1971.....	6,066	29,187	6,798	11,859	2,675	11,914	421	736	6,419
1972.....	5,734	31,349	8,593	12,369	2,050	9,707	326	518	4,735
1973.....	8,065	25,287	11,452	13,911	2,171	10,118	313	471	5,840
1974.....	4,370	28,786	12,769	13,444	1,359	8,573	108	664	3,900
1975.....	3,218	32,220	13,668	11,765	1,283	7,735	112	292	3,449
1976.....	3,262	24,936	14,566	13,171	882	5,074	33	333	2,386
1977.....	979	22,531	12,942	14,043	888	3,404	5	214	732

  

Year	Apricots	Cherries	Cranberries	Plums and fresh prunes	Strawberries	Mixed deciduous fruits	Total fruits
	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1963.....	302	1,402	148	5,165	3,437	2,000	109,383
1964.....	344	1,716	45	5,249	3,393	3,482	117,427
1965.....	286	921	28	5,237	2,283	2,087	115,589
1966.....	261	1,434	33	3,702	1,997	3,042	126,786
1967.....	142	1,349	24	3,584	2,764	3,431	115,233
1968.....	127	1,080	3	3,580	2,953	2,993	91,424
1969.....	125	1,510	-----	2,903	2,350	2,869	108,215
1970.....	84	1,178	-----	4,056	2,151	2,794	94,064
1971.....	162	1,685	8	2,890	2,453	2,218	85,481
1972.....	72	773	-----	2,495	2,139	2,163	83,043
1973.....	28	1,532	-----	2,514	1,918	2,002	85,622
1974.....	29	796	-----	2,967	2,174	2,094	82,093
1975.....	8	684	-----	2,017	1,968	1,518	77,980
1976.....	5	415	-----	1,164	-----	1,076	67,303
1977.....	8	57	-----	1,271	2,090	720	56,584

<sup>1</sup> Data for all commodities are on a calendar-year basis, except apples and pears which begin in June of year indicated and end the following year. Shipments by truck are not included but represent a large proportion of total movement, especially for some commodities. The data are not indicative of total production or total sales. <sup>2</sup> Includes satsumas and tangerines.

Agricultural Marketing Service. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Data for 1949-52 in *Agricultural Statistics, 1972*, table 366.

Table 371.—Fruits, noncitrus: Production, utilization, and value, United States, 1963-77<sup>1</sup>

Year	Utilized production <sup>2</sup>	Fresh	Processed						Value of utilized production <sup>3</sup>
			Canned	Dried	Juice <sup>4</sup>	Frozen	Wine <sup>5</sup>	Other	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1963.....	10,022	3,532	2,061	1,572	-----	186	-----	2,595	828,767
1964.....	10,605	3,568	2,563	1,696	-----	284	-----	2,418	891,457
1965.....	10,935	3,540	2,229	1,936	-----	250	-----	2,891	865,192
1966.....	10,278	3,506	2,280	1,780	-----	203	-----	2,424	933,541
1967.....	8,799	3,078	1,867	1,322	-----	245	-----	2,208	868,812
1968.....	10,011	3,413	2,335	1,672	-----	267	-----	2,238	1,118,047
1969.....	11,190	3,719	2,571	1,612	667	254	2,064	190	1,083,182
1970.....	9,890	3,378	2,030	1,634	708	221	1,583	238	1,062,254
1971.....	10,535	3,421	2,003	1,431	877	240	2,310	192	1,156,402
1972.....	8,436	3,114	1,805	804	720	244	1,520	169	1,320,084
1973.....	10,965	3,403	2,071	1,795	598	234	2,567	196	1,948,531
1974.....	11,240	3,620	2,203	1,655	768	223	2,416	279	1,947,446
1975.....	11,668	4,077	2,023	1,920	863	226	2,275	203	1,878,743
1976.....	11,149	3,954	1,901	1,639	817	230	2,332	209	2,030,935
1977 <sup>6</sup> .....	11,544	3,901	2,007	1,853	836	221	2,411	287	2,433,986

See footnotes on page 247.



Table 372.—Fruit juices, canned: United States packs, 1963-76

Season	Citrus juices <sup>1</sup>				Pine-apple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grape-fruit	Orange	Blended orange and grape-fruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1963	6,305	8,192	2,573	221	14,802	4,900	7,300	8,435	3,000
1964	10,927	10,790	2,512	187	13,788	4,800	7,280	9,587	2,880
1965	13,826	12,114	2,911	62	15,354	4,800	7,600	9,611	2,860
1966	20,991	16,341	3,728	166	15,034	4,700	7,800	8,889	2,880
1967	15,826	10,414	2,187	49	15,081	4,600	7,400	8,726	2,860
1968	20,835	15,483	2,578	92	15,984	3,921	5,267	9,385	2,753
1969	22,124	14,296	2,419	47	15,014	47,200	49,200	13,290	(v)
1970	25,993	15,452	2,500	35	13,704	46,600	49,300	14,118	46,200
1971	26,777	13,852	1,983	16	13,641	(v)	(v)	13,696	(v)
1972	28,262	17,063	2,135	24	12,328	(v)	(v)	13,832	(v)
1973	29,001	13,819	1,983	18	11,350	(v)	(v)	14,793	(v)
1974	21,629	13,294	1,723	12	8,448	(v)	(v)	15,433	(v)
1975	25,821	13,461	2,769	19	8,713	(v)	(v)	15,264	(v)
1976	27,689	14,435	1,584	35	10,205	(v)	(v)	15,412	(v)

<sup>1</sup> Excluding citrus concentrates. <sup>2</sup> Hawaii and foreign operations. <sup>3</sup> Equivalent cases of 24 No. 2 cans. <sup>4</sup> Thousand actual cases basis. <sup>5</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners. Data for 1949-62 in *Agricultural Statistics, 1972*, table 368.

Table 373.—Fruits, dried: Production (dry basis), United States, 1963-77

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1963	10,750	8,080	22,100	18,500	5,590	440	86,160	251,800	403,690
1964	8,490	6,230	24,300	16,800	5,150	1,350	122,100	231,400	425,550
1965	11,610	5,130	21,000	14,500	3,430	170	117,120	270,400	445,290
1966	15,900	6,500	21,300	18,400	3,280	1,280	96,910	280,400	444,070
1967	9,980	3,670	20,800	10,900	1,960	180	122,110	181,200	350,800
1968	10,860	3,850	23,000	13,000	2,820	400	107,420	264,250	425,600
1969	17,669	6,430	16,500	14,370	3,510	784	91,300	251,800	402,343
1970	11,862	5,000	18,200	12,280	2,275	585	158,360	193,450	402,612
1971	6,012	4,000	19,500	10,370	1,860	750	91,850	194,630	329,172
1972	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,468
1973	15,481	3,260	23,100	11,220	1,500	790	181,760	224,526	441,537
1974	12,325	2,840	22,700	11,480	1,750	700	105,221	242,130	398,896
1975	14,344	4,900	24,800	8,840	2,375	980	102,595	283,650	442,184
1976	14,331	4,650	22,400	7,000	2,500	1,270	106,322	218,400	376,673
1977 <sup>2</sup>	13,781	5,000	25,100	10,100	2,000	1,130	124,964	248,000	430,075

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates. <sup>2</sup> Includes 14,000 tons laid but lost in field because of rain. <sup>3</sup> Excludes Oregon. <sup>4</sup> Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes. <sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Department and trade sources. All data on a natural condition basis. Data for 1949-62 in *Agricultural Statistics, 1972*, table 369.

## FOOTNOTES FOR TABLE 375

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants. <sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. <sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. <sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. <sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. <sup>6</sup> Includes pack in South. <sup>7</sup> Includes pack in Northeast. <sup>8</sup> Includes pack in Midwest. <sup>9</sup> Includes with miscellaneous fruits and berries. 1977 data include cantaloups, gooseberries, melon balls, mixed fruits, Montmorency cherries, and challeberries. <sup>10</sup> Calendar year estimate. (See table 318 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup> Florida only.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute and Florida Canners Association.



## 250 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 374.—Fruits, dried: Commercial production in specified countries, 1975-77

Commodity and country	1975	1976	1977 <sup>1</sup>	Commodity and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Apples, dried:				Pears, dried:			
South Africa.....	0.2	0.3	0.1	Australia.....	0.2	0.2	0.2
Total.....	.2	.2	.1	South Africa.....	.6	.9	1.4
				Total.....	.8	1.1	1.6
Apricots, dried:				Prunes, dried:			
Australia.....	.7	1.1	1.8	Argentina.....	4.5	5.9	8.0
Iran.....	9.3	9.0	10.5	Australia.....	2.8	2.7	3.8
South Africa.....	1.2	1.1	1.5	Chile.....	4.2	4.4	4.5
Spain.....	.8	1.1	.3	France.....	.5	26.2	5.8
Turkey.....	10.0	10.0	8.0	South Africa.....	2.1	1.8	1.3
Total.....	22.0	19.3	21.9	Yugoslavia.....	21.2	6.3	20.0
				Total.....	35.3	47.3	43.4
Currents:				Raisins:			
Australia.....	6.0	4.2	6.6	Afghanistan.....	60.0	62.0	40.0
Greece.....	67.9	61.5	70.6	Australia.....	60.0	67.3	58.0
South Africa.....	.9	1.0	.8	Greece.....	87.0	81.0	60.0
Total.....	74.8	66.7	78.0	Iran.....	58.5	60.0	63.0
Figs, dried:				South Africa.....	10.0	8.0	10.0
Greece.....	30.1	22.0	19.8	Spain.....	3.8	2.0	2.0
Italy.....	10.8	7.3	6.4	Turkey.....	110.0	80.0	110.0
Portugal.....	6.0	1.6	6.0	Total.....	389.3	360.3	343.0
Spain.....	4.0	3.0	2.5				
Turkey.....	50.0	60.0	40.0				
Total.....	90.9	93.9	74.7				
Peaches, dried:							
Australia.....	.2	.3	.2				
Chile.....	1.4	1.4	1.4				
South Africa.....	1.6	1.7	1.9				
Total.....	3.2	3.4	3.5				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 375.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1977<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	* 8,735		31,062	87,407	97,204
Apricots.....				15,749	15,749
Cherries, red tart.....	5,341		86,096	12,414	103,751
Cherries, sweet.....			* 4,928	8,083	13,011
Grapes and pulp.....				* 4,892	4,892
Peaches.....		* 4,857		64,766	69,323
Pears and prunes.....			* 1,462	2,132	3,594
Pears, noncitrus.....					16,833
Berries:					
Blackberries.....				* 23,352	23,352
Blueberries.....	* 9,954		3,567	1,229	14,750
Boysenberries.....				3,836	3,836
Currents.....				* 765	765
Gooseberries.....					( <sup>6</sup> )
Loganberries.....				3,427	3,427
Osageberries.....					( <sup>6</sup> )
Raspberries, black.....			* 1,796		1,796
Raspberries, red.....				* 23,222	23,222
Strawberries.....			* 6,904	213,487	220,391
Citrus juices <sup>10</sup> .....		<sup>11</sup> 1,711,977			1,711,977
Miscellaneous fruits and berries <sup>9</sup> .....					20,694
Total.....	23,930	1,716,534	135,785	434,761	2,348,537

See footnotes on page 249.

Table 376.—Fruits, frozen: Commercial pack, United States, 1968-77

Commodity	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	117,218	122,393	100,370	96,999	130,377	132,086	99,180	83,704	118,789	17,796
Apricots.....	14,293	17,325	12,077	10,977	13,512	16,364	16,884	18,108	84,118	17,746
Cherries, red tart.....	141,215	146,885	124,573	159,685	107,573	109,364	137,673	129,673	103,751	103,751
Cherries, sweet.....	21,544	21,544	4,124	2,468	3,266	5,209	5,800	6,712	12,380	13,011
Cherries and pulp.....	21,544	11,149	5,185	5,781	5,333	5,209	2,897	(1)	1,723	4,892
Grapes and pulp.....	82,035	53,573	47,471	59,924	45,316	81,388	55,058	40,273	65,101	69,323
Peaches.....	7,371	6,061	8,269	3,666	5,075	6,121	6,315	8,238	4,977	3,494
Pears.....	(2)	640	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Pineapples.....	30,527	16,943	16,170	16,331	10,562	12,228	8,311	5,983	16,171	16,833
Pineapples, noncanned.....	22,331	27,184	39,188	27,536	21,164	8,249	21,107	20,892	22,774	23,352
Blackberries.....	27,750	37,653	21,836	30,441	30,932	44,376	24,393	24,572	26,361	14,750
Blueberries.....	8,557	9,353	8,478	6,245	6,203	6,275	5,093	4,815	4,094	3,838
Raspberries.....	415	1,337	746	803	758	1,114	630	543	1,123	765
Strawberries.....	415	680	540	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Gooseberries.....	2,502	1,681	1,766	1,858	1,517	832	2,877	2,854	2,371	3,427
Loganberries.....	4,446	6,810	2,365	2,431	2,431	3,406	3,406	3,406	(2)	(2)
Other berries.....	28,044	174,052	20,573	25,125	25,125	25,125	25,125	25,125	25,125	25,125
Raspberries.....	28,044	174,052	20,573	25,125	25,125	25,125	25,125	25,125	25,125	25,125
Strawberries.....	858,552	1,163,805	1,331,492	1,203,147	1,474,873	1,685,532	1,770,371	1,835,903	216,153	250,391
Citrus juices.....	16,344	11,375	10,838	12,809	15,530	18,172	15,530	15,530	15,530	15,530
Miscellaneous fruits and berries.....	1,587,109	1,842,068	1,972,180	1,906,625	2,086,935	2,839,493	2,443,800	2,554,118	2,542,311	2,346,537
Total.....	1,587,109	1,842,068	1,972,180	1,906,625	2,086,935	2,839,493	2,443,800	2,554,118	2,542,311	2,346,537

<sup>1</sup> Included in miscellaneous fruits and berries.

<sup>2</sup> Included in pears.

<sup>3</sup> Florida only. Calendar year estimate.

Economic Statistics and Cooperative Service—Economics. Data from American Frozen Food Institute and Florida Canners Association.

Table 377.—Fruit and juices: Cold-storage holdings, end of month, United States, 1976 and 1977

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	2,087,091	1,775,855	77,904	98,446	21,383	23,314	83,224	42,382
February.....	1,563,036	1,335,200	87,517	105,216	17,319	19,449	84,220	33,343
March.....	1,098,767	912,840	89,385	101,330	12,397	15,124	83,642	26,207
April.....	765,817	609,512	80,770	92,018	9,973	11,615	44,602	19,397
May.....	420,387	329,322	73,377	92,228	7,538	8,526	32,806	15,313
June.....	174,013	166,985	64,282	79,545	6,530	8,688	27,619	16,528
July.....	53,020	37,304	54,683	71,357	10,541	15,569	81,618	90,941
August.....	11,012	14,795	44,592	63,783	32,373	29,250	85,670	111,243
September.....	353,222	1,106,824	41,390	60,071	36,079	32,656	72,721	89,776
October.....	3,165,793	3,142,158	82,702	68,713	32,329	31,431	65,087	83,767
November.....	2,768,986	2,710,807	75,797	80,794	30,518	27,859	56,325	76,299
December.....	2,248,955	2,138,025	91,777	97,640	27,094	24,687	49,349	70,938

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	104,118	92,157	522,068	498,994	943,038	681,373
February.....	80,528	76,006	461,028	447,237	1,046,872	845,536
March.....	85,688	82,708	397,529	419,980	1,016,085	932,759
April.....	81,313	90,412	344,669	376,340	1,075,818	965,834
May.....	78,190	112,661	337,701	380,989	1,203,651	1,040,622
June.....	145,916	201,878	383,836	456,026	1,339,891	914,348
July.....	166,874	231,683	472,543	585,333	1,229,129	906,512
August.....	159,161	218,962	502,945	630,920	1,075,429	647,077
September.....	141,804	206,439	517,162	630,731	877,107	561,698
October.....	123,643	194,947	565,726	687,210	740,314	456,281
November.....	108,620	163,101	547,928	639,899	608,183	333,251
December.....	109,976	163,131	538,666	607,941	613,936	392,637

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 378.—Canned fruits and fruit juices: Cannery and distributors' stocks, beginning of season, United States, 1975-77

Commodity	Season beginning—	Cannery stocks <sup>1</sup>			Distributors' stocks <sup>2</sup>		
		1975	1976	1977	1975	1976	1977
		1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
Canned fruits:							
Apples.....	Aug. 1.....	1,426	698	580	287	318	275
Applesauce.....	Aug. 1.....	7,103	8,123	4,253	1,814	1,784	1,513
Apricots.....	June 1.....	334	2,094	301	457	457	397
Cherries, red pitted.....	July 1.....	74	78	11	206	198	147
Cherries, sweet.....	June 1.....	462	349	204	120	122	102
Grapefruit sections.....	Oct. 1.....	976	642	396	263	221	191
Peaches.....	June 1.....	7,076	9,499	7,474	3,220	3,171	2,740
Pears.....	June 1.....	5,365	4,537	4,597	1,288	1,399	1,343
Pineapple.....	June 1.....	6,853	8,758	10,075	1,809	1,780	1,755
Purple plums.....	June 1.....	499	954	705	178	174	196
Fruit cocktail.....	June 1.....	5,646	5,541	5,391	1,646	1,782	1,640
Canned juices:							
Grapefruit.....	Oct. 1.....	3,747	3,557	4,377	1,527	1,527	1,553
Orange.....	Oct. 1.....	2,149	1,928	2,013	1,232	1,251	1,298
Blended orange and grapefruit.....	Oct. 1.....	220	318	148	187	206	202
Pineapple.....	June 1.....	2,358	1,960	2,506	549	493	450

See footnotes on page 254.

Table 379.—Fruits: Total and per capita civilian consumption, United States, 1963-77<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1963.....	13,935	74.7	3,114	16.7	4,128	22.1	6,693	35.9
1964.....	15,021	79.5	3,379	17.9	4,951	26.2	6,691	35.4
1965.....	15,583	81.4	3,134	16.3	5,580	29.2	6,869	35.9
1966.....	15,825	81.8	3,100	16.0	5,683	29.2	7,072	36.6
1967.....	16,012	82.0	3,189	16.2	6,211	31.8	6,632	34.0
1968.....	15,493	78.6	3,092	15.7	5,205	26.4	7,196	36.5
1969.....	15,535	79.5	2,996	14.9	5,682	28.4	7,217	36.2
1970.....	16,422	81.4	3,690	18.3	5,817	28.8	6,915	34.3
1971.....	16,534	81.0	3,299	16.2	5,984	29.3	7,251	35.5
1972.....	15,995	77.5	3,596	15.7	5,693	27.6	6,706	32.5
1973.....	15,984	76.8	3,052	14.7	5,741	27.6	7,191	34.5
1974.....	16,656	79.4	3,384	16.1	5,905	27.7	7,467	35.6
1975.....	17,555	84.4	3,787	17.9	6,285	29.7	7,783	36.8
1976.....	18,455	86.6	4,008	18.8	6,294	29.4	8,153	38.4
1977 <sup>4</sup> .....	18,063	84.1	3,979	18.5	5,576	26.0	8,508	39.6

  

Year	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruits <sup>8</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1963.....	4,281	23.0	2,634	14.2	551	2.9	1,486	5.0
1964.....	4,343	23.0	2,425	12.9	551	2.9	1,399	7.4
1965.....	4,494	23.5	2,458	12.9	572	3.0	1,625	8.5
1966.....	4,424	22.9	2,874	14.9	585	3.0	1,566	8.1
1967.....	4,409	22.6	3,149	16.1	544	2.8	1,969	10.1
1968.....	4,315	21.9	3,240	16.4	558	2.8	1,846	9.4
1969.....	4,825	24.2	3,841	19.3	537	2.6	1,847	9.3
1970.....	4,700	23.3	3,900	19.3	551	2.7	1,982	9.8
1971.....	4,481	21.9	4,224	20.7	538	2.6	2,075	10.2
1972.....	4,417	21.4	4,280	20.7	419	2.0	2,156	10.4
1973.....	4,441	21.3	4,405	21.2	336	1.6	2,324	11.2
1974.....	4,116	19.6	4,164	19.9	320	1.5	2,380	11.3
1975.....	4,083	19.3	4,629	21.9	645	3.0	2,672	12.6
1976.....	4,094	19.2	4,765	22.4	568	2.7	2,610	12.2
1977 <sup>4</sup> .....	4,297	20.0	4,576	21.3	583	2.7	2,556	11.9

<sup>1</sup> Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

<sup>2</sup> Excludes noncommercial apples.

<sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970.

<sup>4</sup> Preliminary.

<sup>5</sup> Apples, appleauce, apricots, berries, cherries (including brined), cranberries, figs through 1972, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears.

<sup>6</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice.

<sup>7</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchandise figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

<sup>8</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1972*, table 375.

## 254 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 380.—Tree nuts (shelled basis): Supply and utilization, United States, 1963-77<sup>1</sup>

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>4</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1963.....	281,080	101,690	43,970	428,740	24,330	107,670	294,740	1.87
1964.....	227,760	118,180	111,040	456,960	28,120	94,030	334,820	1.76
1965.....	245,990	121,090	101,320	468,400	36,770	86,250	345,380	1.79
1966.....	243,180	119,180	86,250	448,610	36,070	76,460	336,080	1.73
1967.....	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.74
1968.....	238,540	158,360	70,150	466,990	36,650	71,290	359,050	1.81
1969.....	304,150	138,480	71,290	513,920	62,520	86,280	345,120	1.71
1970.....	295,940	145,900	86,280	531,120	96,370	76,700	358,050	1.76
1971.....	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.83
1972.....	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.96
1973.....	398,460	182,410	55,690	606,560	119,120	127,230	390,250	1.72
1974.....	392,530	116,215	127,220	635,965	157,440	153,780	330,745	1.57
1975.....	425,360	166,100	153,780	745,240	196,680	137,310	411,250	1.94
1976 <sup>4</sup> .....	449,950	161,660	137,010	748,620	223,500	113,470	411,650	1.92
1977 <sup>4</sup> .....			113,470					

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts; beginning 1960, includes macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 381.—Tree nuts: Commercial production in specified countries, 1975-77

Commodity and country	1975	1976	1977	Commodity and country	1975	1976	1977
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran.....	8.3	7.0	8.0	Continued			
Italy.....	15.0	16.5	24.0	Turkey.....	320.0	240.0	265.0
Morocco.....	1.5	2.0	1.7	Total.....	414.5	339.0	359.0
Portugal.....	3.5	5.2	1.6	Walnuts (in the shell):			
Spain.....	43.5	65.0	30.0	France.....	18.6	25.3	11.4
Total.....	71.7	95.7	65.3	India.....	15.5	15.0	10.0
Brazil nuts (in the shell):				Iran.....	3.1	2.8	5.2
Brazil.....	56.0	35.0	32.0	Italy.....	14.0	11.0	13.0
Filberts (in the shell):				Turkey.....	9.5	10.5	10.5
Italy.....	80.0	77.0	70.0	Total.....	60.7	64.6	50.1
Spain.....	14.5	22.0	24.0				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 378

<sup>1</sup> Cannery's stocks for citrus products are Florida only.

<sup>2</sup> Distributors' stocks are as of the beginning of the season for all items except that apples and applesauce are as of June 1 and citrus products as of November 1.

<sup>3</sup> Actual cases.

Agricultural Marketing Service. Compiled from various canners' associations and the U.S. Department of Commerce.

Table 382.—Almonds (in the shell): Production, season average price per ton, and value, California, 1963-77

Year	Production	Price	Value	Year	Production	Price	Value
	Tons	Dollars	1,000 dollars		Tons	Dollars	1,000 dollars
1963.....	59,700	591	35,283	1971.....	134,000	650	87,100
1964.....	75,400	630	47,502	1972.....	125,000	785	98,125
1965.....	72,900	617	44,979	1973.....	134,000	1,490	199,660
1966.....	85,100	610	51,911	1974.....	189,000	900	170,100
1967.....	76,600	582	44,581	1975.....	160,000	740	118,400
1968.....	74,500	597	44,477	1976.....	233,000	810	188,730
1969.....	122,000	608	73,932	1977 <sup>1</sup> .....	249,000	1,030	256,470
1970.....	124,000	646	80,104				

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 378.Table 383.—Almonds (shelled basis <sup>1</sup>): Foreign trade, United States, 1963-76

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	Tons		Tons		Tons
1963.....	146	1968.....	474	1973.....	45
1964.....	134	1969.....	150	1974.....	64
1965.....	206	1970.....	94	1975.....	243
1966.....	177	1971.....	69	1976.....	666
1967.....	211	1972.....	100		

<sup>1</sup> Unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 384.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1963-77 <sup>1</sup>

Year	Oregon			Washington			Oregon and Washington		
	Production <sup>2</sup>	Price <sup>3</sup>	Value	Production <sup>2</sup>	Price <sup>3</sup>	Value	Production <sup>2</sup>	Price <sup>3</sup>	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963.....	6,900	470	3,102	360	470	169	8,960	470	3,271
1964.....	7,800	440	3,432	290	442	128	8,090	440	3,500
1965.....	7,300	450	3,285	440	452	199	7,740	450	3,484
1966.....	11,700	390	4,563	520	417	217	12,220	391	4,780
1967.....	7,000	492	3,444	540	497	268	7,540	492	3,712
1968.....	7,000	518	3,626	600	520	312	7,600	518	3,928
1969.....	7,100	550	3,905	300	555	167	7,400	550	4,072
1970.....	8,750	570	4,988	510	571	291	9,260	570	5,279
1971.....	11,060	414	4,584	370	416	154	11,370	414	4,708
1972.....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973.....	11,700	570	6,669	550	635	349	12,250	573	7,018
1974.....	6,400	560	3,584	300	565	170	6,700	560	2,754
1975.....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976.....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977 <sup>4</sup> .....	11,400	687	7,832	350	674	236	11,750	687	8,068

<sup>1</sup> Production, price, and value for Oregon and Washington only.<sup>2</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 800 tons in 1974.<sup>3</sup> Equivalent returns per ton at first delivery point.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 379.

## 256 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 385.—Filberts (shelled basis <sup>1</sup>): Foreign trade, United States, 1963-76

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	Tons		Tons		Tons
1963.....	2,671	1968.....	4,168	1973.....	6,539
1964.....	2,724	1969.....	2,222	1974.....	2,017
1965.....	2,377	1970.....	3,640	1975.....	4,248
1966.....	2,342	1971.....	2,144	1976.....	6,427
1967.....	3,366	1972.....	4,127		

<sup>1</sup> Unshelled nuts converted to shelled basis at ratio of 2.22 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 386.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1963-77

Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1963.....	2,300	2.5	6,011	17.7	1,062	1971.....	4,900	2.9	14,448	34.7	5,069
1964.....	2,520	3.1	7,555	15.6	1,194	1972.....	5,000	2.6	13,110	23.3	3,055
1965.....	2,780	3.1	8,538	19.4	1,656	1973.....	5,080	2.4	12,124	25.5	3,092
1966.....	2,950	3.0	8,726	21.0	1,832	1974.....	5,760	2.8	16,370	22.0	5,238
1967.....	3,340	2.4	7,972	24.6	1,961	1975.....	6,080	3.0	18,210	31.6	5,784
1968.....	3,680	2.8	10,444	22.8	2,381	1976.....	6,300	3.0	18,990	36.9	7,007
1969.....	4,030	2.5	10,057	24.6	2,474	1977 <sup>3</sup> .....	6,300	3.1	19,680	40.8	8,030
1970.....	4,115	3.2	13,216	21.7	2,868						

<sup>1</sup> Derived from total production.<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 4 in 1963, 217 in 1964, 111 in 1965, and 150 in 1966.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 387.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1963-77

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars
1963.....	220,850	18.7	41,382	155,850	17.8	27,784	376,400	18.4	69,166
1964.....	55,850	27.5	15,368	122,650	20.4	25,002	178,600	22.6	40,390
1965.....	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,981
1966.....	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,732
1967.....	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968.....	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,063
1969.....	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970.....	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971.....	142,300	35.4	50,369	103,900	29.8	30,917	246,200	32.0	81,286
1972.....	88,960	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,638
1973.....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974.....	96,800	52.5	50,542	90,300	38.2	34,499	137,100	47.2	64,741
1975.....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976.....	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977 <sup>1</sup> .....	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1978*, table 381.



Table 388.—Pecans (in the shell): Production and season average price per pound, by States, 1975-77

Item and State	Production			Price for crop of—		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
<b>IMPROVED VARIETIES</b>						
Ala.....	11,400	4,000	25,600	38.0	88.0	83.6
Ark.....	500	700	900	55.0	85.0	75.0
Fla.....	2,000	1,000	2,300	40.0	76.0	59.0
Ga.....	60,000	43,000	68,000	45.0	85.0	68.0
La.....	5,000	700	3,500	36.0	95.0	55.0
Miss.....	2,000	1,000	6,500	46.0	88.5	65.0
N. Mex.....	13,100	11,500	15,000	37.0	100.0	81.0
N.C.....	1,000	1,900	1,100	45.0	72.0	61.0
Okla.....	1,500	800	1,500	55.0	90.0	77.0
S.C.....	800	1,700	1,500	45.9	80.0	68.7
Tex.....	13,000	11,000	12,000	54.0	88.0	79.0
U.S.....	110,100	77,300	137,900	46.5	87.5	66.0
<b>NATIVE AND SEEDLING</b>						
Ala.....	8,800	1,000	6,400	32.0	65.5	41.8
Ark.....	3,000	300	2,100	34.0	61.0	50.0
Fla.....	3,000	1,500	3,800	33.0	60.0	47.0
Ga.....	15,000	9,000	20,000	34.0	65.0	49.0
La.....	27,000	1,300	27,500	34.0	60.0	40.0
Miss.....	4,000	500	4,800	24.0	62.5	45.0
N.C.....	1,200	900	900	35.0	55.0	50.0
Okla.....	18,500	1,800	12,000	32.0	60.0	46.0
S.C.....	1,400	800	1,500	35.3	59.0	49.2
Tex.....	55,000	9,000	20,000	36.0	65.0	52.0
U.S.....	136,700	25,800	98,700	34.4	63.5	46.0
<b>ALL PECANS</b>						
Ala.....	20,000	5,000	32,000	35.4	83.5	50.4
Ark.....	3,500	1,000	3,000	37.0	77.8	57.5
Fla.....	5,000	2,500	6,100	25.8	66.4	51.5
Ga.....	75,000	52,000	88,000	42.5	81.5	62.1
La.....	32,000	2,000	31,000	34.3	72.3	41.7
Miss.....	6,000	1,500	11,000	38.0	79.9	56.8
N. Mex.....	13,100	11,500	15,000	37.0	100.0	81.0
N.C.....	2,200	2,800	2,000	39.5	65.9	56.1
Okla.....	20,000	2,300	13,500	33.7	70.4	49.4
S.C.....	2,000	2,500	3,000	38.8	73.3	59.0
Tex.....	68,000	20,000	32,000	39.4	77.7	62.1
U.S.....	246,800	103,100	236,600	39.8	81.5	57.7

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 389.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1963-76

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
1963.....	440	4,274	1968.....	750	1,840	1973.....	132	2,351
1964.....	296	2,538	1969.....	260	1,949	1974.....	5	3,387
1965.....	6	2,669	1970.....	1,344	1,719	1975.....	2,630	3,060
1966.....	418	1,778	1971.....	325	2,027	1976.....	3,123	2,348
1967.....	248	1,903	1972.....	34	2,290			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

## 258 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 390.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1963–77<sup>1</sup>

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production <sup>2</sup>	Price	Value	Production <sup>2</sup>	Price	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1963.....	79,300	460	36,478	2,800	460	1,710	83,100	460	38,188
1964.....	86,100	455	39,434	4,100	430	1,763	90,200	457	41,197
1965.....	79,000	433	34,128	1,300	430	546	80,300	433	34,674
1966.....	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920
1967.....	74,000	500	41,440	2,400	500	1,200	76,400	558	42,640
1968.....	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744
1969.....	103,000	430	43,260	2,500	384	910	105,500	419	44,170
1970.....	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971.....	135,000	430	58,700	1,400	290	406	136,400	419	57,106
1972.....	116,000	564	65,424	800	528	430	116,800	564	65,864
1973.....	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974.....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975.....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976.....	183,000	627	114,741	700	805	424	183,700	627	115,165
1977 <sup>3</sup> .....	192,000	725	139,200	300	710	355	192,800	725	139,555

<sup>1</sup> Production, price, and value for California and Oregon only.<sup>2</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944–62 in *Agricultural Statistics, 1972*, table 382.Table 391.—Walnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1963–76

Year beginning October	Imports		Year beginning October	Imports		Year beginning October	Imports	
	Tons	Domestic exports		Tons	Domestic exports		Tons	Domestic exports
1963.....	1,348	718	1968.....	1,545	1,324	1973.....	70	11,969
1964.....	1,331	1,495	1969.....	116	2,876	1974.....	17	13,332
1965.....	671	2,050	1970.....	247	4,276	1975.....	59	21,868
1966.....	1,316	2,104	1971.....	336	7,740	1976.....	26	19,148
1967.....	2,174	1,176	1972.....	646	6,874			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 392.—Cacao beans: United States imports by country of origin, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Africa:</b>			
Costa Rica.....	3,778	3,395	4,498	Cameroon.....	242	244	.....
Dominican Republic.....	22,773	23,587	24,224	Equatorial Guinea.....	1,115	.....	.....
Haiti.....	1,932	1,543	1,400	Ghana.....	46,233	46,625	33,988
Mexico.....	.....	3,723	3,713	Ivory Coast.....	33,983	19,121	38,634
Trinidad and Tobago.....	2,634	1,279	1,887	Nigeria.....	15,474	43,113	20,746
Other countries.....	1,179	3,433	3,406	Sierra Leone.....	508	813	.....
				Other countries.....	4,010	1,833	984
<b>Total.....</b>	<b>31,296</b>	<b>57,154</b>	<b>39,128</b>	<b>Total.....</b>	<b>101,565</b>	<b>113,769</b>	<b>94,332</b>
<b>South America:</b>				<b>Asia and Oceania<sup>2</sup>.....</b>	<b>12,489</b>	<b>14,899</b>	<b>8,112</b>
Brazil.....	74,461	59,451	28,271	Europe.....	76	30	136
Ecuador.....	10,469	10,280	3,720				
Venezuela.....	6,368	2,828	1,830	<b>Grand total.....</b>	<b>238,784</b>	<b>239,157</b>	<b>174,903</b>
Other countries.....	40	746	1,374				
<b>Total.....</b>	<b>91,338</b>	<b>73,305</b>	<b>33,195</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Primarily Papua New Guinea.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 393.—Cacao beans: Exports from principal producing countries, 1974-76

Continent and country	1974	1975	1976	Continent and country	1974	1975	1976
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Africa—Continued</b>			
Costa Rica.....	4,369	5,090	4,180	Ivory Coast.....	205,300	167,524	191,409
Dominican Republic.....	26,352	22,291	24,496	Liberia.....	3,284	3,163	2,513
Grenada.....	2,628	2,192	2,982	Madagascar.....	1,138	1,246	1,300
Jamaica.....	1,392	1,626	1,398	Nigeria.....	197,125	194,692	222,965
Mexico.....	2,896	3,089	4,263	São Tomé and Príncipe.....	9,780	5,188	5,608
Trinidad and Tobago.....	3,803	4,821	2,982	Sierra Leone.....	5,933	5,867	5,790
Other countries.....	3,728	5,957	3,567	Tanzania.....	665	618	658
<b>Total.....</b>	<b>45,168</b>	<b>43,036</b>	<b>43,848</b>	Togo.....	15,850	16,183	16,558
				Uganda.....	205	91	123
<b>South America:</b>				Zaire.....	4,376	5,305	4,896
Brazil.....	129,865	176,628	128,838	<b>Total.....</b>	<b>866,035</b>	<b>808,636</b>	<b>861,188</b>
Ecuador.....	68,911	37,641	22,963				
Venezuela.....	11,466	13,569	7,622	<b>Asia and Oceania:</b>			
<b>Total.....</b>	<b>210,242</b>	<b>227,838</b>	<b>159,423</b>	Indonesia.....	1,090	1,115	1,328
				Malaysia.....	9,723	11,852	14,500
<b>Africa:</b>				New Hebrides.....	509	564	649
Angola.....	654	362	200	Papua New Guinea.....	34,017	30,473	31,344
Benin.....	4,115	1,560	2,000	Sri Lanka.....	1,028	1,075	880
Cameroon.....	88,929	72,474	68,612	Western Samoa.....	1,559	1,348	1,662
Comoros.....	38	50	50				
Congo.....	1,219	2,652	2,375	<b>Total.....</b>	<b>47,927</b>	<b>46,425</b>	<b>50,153</b>
Equatorial Guinea.....	9,030	3,000	7,009				
Gabon.....	4,500	3,936	3,899	<b>Grand total.....</b>	<b>1,169,372</b>	<b>1,125,135</b>	<b>1,114,812</b>
Ghana.....	313,894	322,225	325,555				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## 260 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 394.—Coffee: Area, yield, production, price, and value, Hawaii, 1963-64 to 1977-78

Season	Area har- vested	Yield per har- vested acre	Produc- tion	Price per pound	Value	Season	Area har- vested	Yield per har- vested acre	Produc- tion	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963-64.....	4,710	1.4	6,651	0.262	1,744	1971-72.....	2,400	1.2	2,930	0.346	1,014
1964-65.....	3,900	2.6	9,947	.304	3,025	1972-73.....	2,400	1.5	3,640	.504	1,835
1965-66.....	3,800	2.0	7,500	.315	2,362	1973-74.....	2,500	1.2	3,040	.563	1,711
1966-67.....	3,700	2.2	8,040	.256	2,058	1974-75.....	2,500	.6	1,540	.464	714
1967-68.....	3,600	1.6	5,440	.271	1,474	1975-76.....	2,000	.9	1,860	.752	1,399
1968-69.....	3,200	1.8	5,700	.258	1,471	1976-77.....	2,000	1.1	2,120	1.85	3,925
1969-70.....	2,900	1.4	4,130	.355	1,466	1977-78 <sup>1</sup> .....	2,000	1.1	2,220	1.27	2,588
1970-71.....	2,700	1.6	4,300	.337	1,449						

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 395.—Coffee: United States imports by country of origin, 1975-77<sup>1</sup>

Continent and country	1975	1976	1977 <sup>2</sup>	Continent and country	1975	1976	1977 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Continued			
Costa Rica.....	192	179	272	Cameroun.....	161	146	108
Dominican Republic.....	356	351	585	Ethiopia.....	533	703	298
El Salvador.....	1,018	1,045	1,037	Ivory Coast.....	966	1,530	673
Guatemala.....	874	749	832	Madagascar.....	319	392	212
Mexico.....	1,662	1,869	1,406	Rwanda.....	344	377	125
Nicaragua.....	71	155	119	Tanzania.....	277	226	216
Other countries.....	542	612	394	Uganda.....	958	941	965
Total.....	4,695	5,160	4,645	Other countries.....	938	722	768
South America:				Total.....	5,698	5,708	3,405
Brazil.....	3,748	3,092	2,453	Asia and Oceania:			
Colombia.....	3,400	2,688	1,951	India.....	258	197	158
Ecuador.....	694	767	604	Indonesia.....	765	1,082	860
Peru.....	530	432	461	Other countries.....	210	304	172
Other countries.....	220	324	181	Total.....	1,233	1,583	1,190
Total.....	8,592	7,305	5,550	Other countries.....	71	34	18
Africa:				Grand total.....	20,289	19,788	14,806
Angola.....	1,202	871	49				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 400

<sup>1</sup> Less than \$500.<sup>2</sup> Includes small quantities imported from countries not shown.

Economics, Statistics, and Cooperatives Service—Economics.

Table 396.—Coffee: Exports from principal producing countries, 1974-76<sup>1</sup>

Continent and country of origin	1974	1975	1976 <sup>2</sup>	Continent and country of origin	1974	1975	1976 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
<b>North America:</b>				<b>Africa—Continued</b>			
Costa Rica.....	1,502	1,283	1,071	Central Africa Empire.....	144	233	240
Dominican Republic.....	509	417	610	Ethiopia.....	929	962	1,133
El Salvador.....	2,397	2,327	2,666	Guinea.....	17	56	18
Guatemala.....	2,018	2,262	1,909	Ivory Coast.....	4,392	4,234	5,380
Haiti.....	313	297	419	Kenya.....	1,195	1,128	1,292
Honduras.....	511	810	730	Madagascar.....	1,090	1,123	1,216
Mexico.....	1,932	2,392	2,744	Tanzania.....	654	906	984
Nicaragua.....	540	674	876	Togo.....	178	132	179
<b>Total.....</b>	<b>9,722</b>	<b>10,462</b>	<b>11,025</b>	Uganda.....	3,358	3,217	2,734
				Zaire.....	952	1,784	1,415
<b>South America:</b>				<b>Total.....</b>	<b>18,338</b>	<b>18,001</b>	<b>17,598</b>
Brazil.....	11,396	13,036	13,482				
Colombia.....	6,981	8,138	6,233	<b>Asia and Oceania:</b>			
Ecuador.....	993	948	1,450	India.....	821	982	818
Peru.....	450	703	785	Indonesia.....	1,962	2,139	2,268
Venezuela.....	276	228	298	Papua New Guinea.....	597	895	709
<b>Total.....</b>	<b>19,976</b>	<b>23,051</b>	<b>22,248</b>	<b>Total.....</b>	<b>3,280</b>	<b>3,716</b>	<b>3,885</b>
<b>Africa:</b>				<b>Grand total.....</b>	<b>51,316</b>	<b>55,230</b>	<b>54,756</b>
Angola.....	3,690	2,665	1,395				
Cameroon.....	1,679	1,561	1,042				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 397.—Tea: United States imports by country of origin, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
<b>North America:</b>				<b>Asia and Oceania—Continued</b>			
Canada.....	2,363	2,640	2,513	China, Rep. of.....	4,017	4,806	5,063
Mexico.....	1			India.....	6,809	7,958	12,317
<b>Total.....</b>	<b>2,364</b>	<b>2,640</b>	<b>2,513</b>	Indonesia.....	12,861	11,857	14,700
<b>South America:</b>				Japan.....	1,743	3,229	3,378
Argentina.....	1,764	2,120	4,891	Sri Lanka.....	18,314	21,090	16,636
Brazil.....	1,599	2,178	2,348	Turkey.....	103		
Ecuador.....	654	903	822	Other countries.....	462	814	840
Peru.....	39		160	<b>Total.....</b>	<b>47,453</b>	<b>53,600</b>	<b>58,947</b>
<b>Total.....</b>	<b>4,056</b>	<b>5,203</b>	<b>8,161</b>				
<b>Europe:</b>				<b>Africa:</b>			
Germany, Fed. Rep. of.....	290	106	170	Kenya.....	8,363	10,687	9,470
Netherlands.....	2,352	1,325	3,002	Malawi.....	2,159	4,067	5,611
United Kingdom.....	494	450	872	Mozambique.....	2,739	2,036	2,329
Other countries.....	39	13	23	Tanzania.....	614	515	441
<b>Total.....</b>	<b>3,106</b>	<b>1,894</b>	<b>4,067</b>	Uganda.....	637	137	102
				Zaire.....	451	362	299
<b>Asia and Oceania:</b>				Other countries.....	340	1,098	446
Bangladesh.....	1,054	1,100	897	<b>Total.....</b>	<b>15,273</b>	<b>18,002</b>	<b>18,608</b>
China, People's Rep. of.....	2,090	3,046	4,216	<b>Grand total.....</b>	<b>72,252</b>	<b>82,239</b>	<b>92,086</b>

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## 262 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1978

Table 398.—Tea: Exports from principal producing countries, 1974-76

Continent and country	1974	1975	1976 <sup>1</sup>	Continent and country	1974	1975	1976 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina.....	24,100	17,434	25,138	Bangladesh.....	21,167	24,104	30,725
Brazil.....	5,211	4,498	5,471	China, People's Rep. of <sup>1</sup> .....	54,000	55,000	66,000
Ecuador.....	1,023	728	1,089	China, Rep. of.....	17,202	20,127	21,112
Total.....	30,334	22,658	31,695	India.....	205,909	219,410	237,303
Africa:				Indonesia.....	50,230	45,981	47,438
Burundi.....	689	851	1,164	Iran.....	2,106	1,320	1,742
Kenya.....	49,894	52,627	59,285	Japan.....	1,832	2,210	3,241
Malawi.....	23,778	24,151	29,639	Malaysia.....	629	528	580
Mauritius.....	3,076	3,061	3,351	Papua New Guinea.....	4,465	4,856	4,870
Mozambique.....	17,210	12,216	12,863	Sri Lanka.....	185,086	212,433	199,738
Rwanda.....	3,103	3,848	4,537	Turkey.....	11,483	25	56
Tanzania.....	9,637	10,350	11,998	Total.....	584,083	585,974	612,775
Uganda.....	16,845	16,984	11,652	Grand total.....	713,971	736,308	782,515
Zaire.....	5,822	4,602	5,582				
Total.....	129,554	127,676	138,042				

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 399.—Mushrooms: Area, production, price, and value, United States, 1966-76

Year beginning July	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966.....	80,595	194,915	35.2	58,025	19,520	38,505
1967.....	83,389	180,591	34.1	61,653	21,384	40,269
1968.....	84,728	188,807	35.9	67,886	25,845	42,011
1969.....	82,350	193,879	37.5	72,705	28,004	44,701
1970.....	87,490	206,810	43.3	89,820	31,688	57,932
1971.....	93,796	231,373	46.2	106,882	36,366	68,498
1972.....	102,315	254,002	45.3	109,675	45,698	67,379
1973.....	107,584	279,493	44.1	123,354	58,407	64,947
1974.....	110,921	298,081	49.2	147,242	76,552	70,690
1975.....	114,711	309,616	61.7	191,098	102,234	88,864
1976.....	117,692	347,129	73.7	255,678	124,613	131,065

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 400.—Mushrooms: Value of imports, by country, 1968-77

Country	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
China, Rep. of.....	10,530	10,210	12,882	16,498	24,978	20,627	20,772	20,556	36,401	54,098
Japan.....	2,582	2,263	2,490	2,849	3,460	3,361	3,842	3,812	5,562	4,858
France.....	632	781	746	1,066	1,740	937	624	457	1,099	701
Korea, Rep. of.....	185	327	250	1,912	7,020	8,921	6,701	9,373	20,070	20,508
Germany, Fed. Rep. of.....	89	87	219	161	125	126	125	143	225	185
Ecuador.....	14	102	190	242	327	425	288	364	1	0
Canada.....	( <sup>1</sup> )	1	180	118	127	173	231	244	508	728
Chile.....	210	183	156	180	575	496	759	407	271	452
Italy.....	64	43	112	42	96	77	50	74	30	108
Mexico.....	148	171	77	139	271	144	117	7	4	49
Poland.....	41	71	60	10	14	51	20	21	5	50
Switzerland.....	34	49	40	67	78	77	93	127	161	175
Total <sup>2</sup> .....	14,715	14,406	17,522	23,710	38,811	35,415	33,802	43,879	65,247	86,161

See footnotes on page 260.

Table 401.—Flowers: Sales and value, United States, 1966-77

Year	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale
Standard carnations <sup>2</sup>			Miniature carnations <sup>2</sup>			
	1,000 units	Cents	1,000 dollars	1,000 units	Dollars	1,000 dollars
1966.....						
1967.....						
1968.....	570,427	7.6	43,270	1,614	1.01	1,628
1969.....	613,471	7.4	45,007	2,185	.97	2,089
1970.....	619,052	7.3	45,153	2,539	1.00	2,534
1971.....	589,157	7.4	43,742	2,293	1.13	2,602
1972.....	584,395	8.2	48,096	3,002	1.20	3,602
1973.....	616,051	7.5	45,984	3,277	1.11	3,642
1974.....	601,798	7.3	44,015	3,574	1.18	4,277
1975.....	561,353	7.7	43,213	3,971	1.18	4,701
1976.....	517,580	8.8	45,573	4,738	1.19	5,625
1977.....	501,799	8.4	42,328	4,703	1.28	6,007
Standard chrysanthemums			Pompon chrysanthemums			
	1,000 units	Cents	1,000 dollars	1,000 units	Dollars	1,000 dollars
1966.....	133,588	17.4	23,230	28,433	0.78	23,158
1967.....	133,312	18.3	24,416	27,560	.80	22,845
1968.....	130,869	20.2	26,426	30,497	.84	25,636
1969.....	136,776	19.6	26,813	32,903	.83	27,195
1970.....	147,000	18.3	26,925	32,431	.82	26,651
1971.....	144,706	19.0	27,516	34,455	.85	29,241
1972.....	137,144	21.2	29,140	33,649	.89	29,793
1973.....	135,243	21.6	29,313	36,129	.91	32,967
1974.....	144,042	20.5	29,582	37,864	.82	30,923
1975.....	135,215	21.6	29,177	35,708	.87	31,093
1976.....	140,397	20.9	29,326	35,603	.96	34,157
1977.....	111,738	25.6	28,626	35,993	.99	35,552
Potted chrysanthemums			Gladioli			
	1,000 units	Dollars	1,000 dollars	1,000 units	Cents	1,000 dollars
1966.....	11,070	1.43	15,575	23,619	66.0	18,860
1967.....	12,897	1.41	18,176	23,748	69.0	17,753
1968.....	13,403	1.46	19,595	28,080	75.0	21,115
1969.....	14,260	1.54	21,938	27,170	79.0	21,343
1970.....	16,117	1.52	24,525	23,360	80.0	18,725
			Spikes <sup>3</sup>			
1971.....	17,504	1.53	26,803	284,664	7.0	19,140
1972.....	19,141	1.60	30,668	273,244	7.4	20,287
1973.....	20,588	1.66	34,096	234,768	8.3	19,514
1974.....	21,555	1.79	38,672	223,361	8.4	18,763
1975.....	21,711	1.95	42,237	188,290	9.1	17,072
1976.....	26,481	2.07	54,776	181,162	9.5	17,158
1977.....	28,336	1.95	55,305	165,593	10.0	16,535
Hybrid Tea roses <sup>2</sup>			Sweetheart roses <sup>2</sup>			
	1,000 units	Cents	1,000 dollars	1,000 units	Cents	1,000 dollars
1966.....						
1967.....						
1968.....	309,852	13.0	40,241	98,972	9.1	8,998
1969.....	317,209	13.7	43,349	110,189	9.5	10,509
1970.....	308,713	13.6	42,030	130,153	9.2	12,017
1971.....	308,441	14.1	43,511	120,374	9.3	11,155
1972.....	309,596	15.3	47,439	122,007	10.8	12,205
1973.....	297,355	16.4	48,866	120,413	10.8	12,960
1974.....	319,161	16.8	53,635	123,553	11.5	14,254
1975.....	306,279	17.7	54,256	112,221	12.3	13,753
1976.....	307,584	19.1	58,854	114,699	13.7	15,661
1977.....	301,107	20.6	62,177	118,023	14.1	16,604

<sup>1</sup> Blooms for carnations, standard chrysanthemums, and roses; bunches for pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums.

<sup>2</sup> Prior to 1968, separate data by type not available.

<sup>3</sup> Beginning 1971, unit changed to spikes sold.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.







## CHAPTER VI

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 416 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1975. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for States where the crop is not estimated currently.

A table with prices paid by farmers for field seeds used for seeding crops in the fall has been added to this chapter. Estimates of broomcorn have been discontinued by the Crop Reporting Board and the table has been dropped.

**Table 403.—Hay, all: Area, yield, production, disposition, and value, United States, 1963-77**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	1,000 acres	Tons	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1963.....	66,428	1.77	117,537	96,979	20,558	24.60	2,715,423
1964.....	67,376	1.76	118,778	96,747	22,031	23.90	2,809,130
1965.....	67,496	1.86	125,610	102,554	23,056	23.20	2,915,468
1966.....	64,356	1.88	120,930	98,797	22,133	25.00	2,589,799
1967.....	63,303	1.98	125,134	102,387	22,747	24.50	2,566,364
1968.....	60,922	2.04	124,244	101,213	23,031	25.60	2,521,800
1969.....	59,716	2.11	126,026	102,678	23,348	24.70	2,536,788
1970.....	61,467	2.07	126,969	102,619	24,350	26.10	3,078,382
1971.....	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972.....	59,680	2.15	128,565	102,792	25,773	31.30	3,729,523
1973.....	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974.....	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975.....	61,324	2.16	132,210	105,575	26,635	52.20	6,449,148
1976.....	60,311	1.99	120,006	94,449	25,557	60.30	6,810,799
1977 <sup>1</sup> .....	60,493	2.17	131,057	104,505	26,552	54.00	6,501,364

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, tables 393 and 397.

**Table 404.—Hay, all: Stocks on farms, United States, 1963-78**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	1,000 tons	1,000 tons		1,000 tons	1,000 tons
1963.....	85,193	23,114	1971.....	87,651	23,200
1964.....	82,628	19,809	1972.....	89,445	25,472
1965.....	79,077	16,658	1973.....	88,790	24,311
1966.....	88,606	22,720	1974.....	93,159	25,353
1967.....	84,881	21,938	1975.....	84,687	18,505
1968.....	88,460	24,929	1976.....	86,209	25,401
1969.....	89,657	22,664	1977 <sup>1</sup> .....	77,432	19,505
1970.....	86,365	24,056	1978.....	91,288	24,015

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1949-62 in *Agricultural Statistics, 1978*, table 400.

Table 405.—Hay, all: Area, yield, and production, by States, 1975-77

State	Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.	630	650	630	1.83	1.70	1.60	1,134	1,105	1,008
Aris.	250	245	250	5.85	6.30	5.84	1,462	1,544	1,461
Ark.	790	740	778	1.84	1.68	1.80	1,432	1,241	1,404
Calif.	1,630	1,630	1,670	4.63	4.63	4.63	7,642	7,554	7,729
Colo.	1,468	1,410	1,345	2.05	2.12	2.08	3,007	2,991	2,793
Conn.	90	88	83	2.09	1.91	1.94	188	168	161
Del.	23	22	23	2.04	2.27	2.04	47	50	47
Fla.	207	219	228	1.95	1.95	2.00	404	427	452
Ga.	455	450	470	2.50	2.30	1.60	1,138	1,035	732
Idaho	1,330	1,310	1,366	3.34	3.21	3.26	4,441	4,201	4,459
Ill.	1,350	1,220	1,330	2.84	2.83	3.01	3,549	3,458	3,708
Ind.	945	900	895	2.30	2.30	2.66	2,268	2,150	2,384
Iowa	2,450	2,360	2,250	2.80	2.82	3.21	6,870	6,654	7,225
Kans.	2,290	2,275	2,290	2.08	1.99	2.31	4,743	4,535	5,294
Ky.	1,528	1,528	1,568	1.89	1.96	1.97	2,890	2,988	3,093
La.	360	375	375	2.05	1.91	1.91	738	718	715
Maine	214	212	214	1.65	2.04	1.59	354	433	340
Md.	251	246	243	2.46	2.39	2.18	617	589	530
Mass.	121	121	117	2.17	2.10	1.99	263	254	233
Mich.	1,325	1,290	1,300	2.52	2.57	2.90	3,335	3,060	2,855
Minn.	3,210	3,250	3,140	2.49	1.77	2.59	8,005	5,765	8,136
Miss.	648	663	662	1.81	1.70	1.77	1,172	1,130	1,172
Mo.	3,400	3,350	3,455	1.66	1.48	1.65	5,630	4,948	5,700
Mont.	2,330	2,310	2,240	1.82	1.80	1.74	4,248	3,978	3,907
Nebr.	3,950	3,800	3,830	1.65	1.57	1.95	6,503	5,953	7,484
Nev.	449	460	420	1.97	2.04	2.09	885	939	879
N.H.	91	93	89	1.97	1.94	2.08	179	180	183
N.J.	119	122	120	2.46	2.44	2.55	305	298	306
N. Mex.	290	293	301	3.59	3.36	3.73	1,041	984	1,124
N.Y.	2,300	2,400	2,350	2.22	2.23	1.97	5,114	5,352	4,639
N.C.	335	350	350	1.64	1.46	1.49	549	510	521
N. Dak.	3,540	3,440	3,140	1.49	1.16	1.03	5,268	3,976	3,229
Ohio	1,510	1,540	1,550	2.36	2.31	2.30	3,568	3,554	3,558
Okl.	1,610	1,610	1,775	2.03	1.83	1.98	3,274	2,947	3,520
Oreg.	1,030	1,050	1,030	2.34	2.34	2.37	2,407	2,459	2,437
Pa.	1,900	1,870	1,915	2.25	2.19	2.03	4,266	4,065	3,889
R.I.	9	9	8	1.80	2.00	1.88	17	18	15
S.C.	210	215	220	2.20	2.00	1.80	462	430	398
S. Dak.	4,710	4,300	4,500	1.21	0.66	1.40	5,694	2,840	6,292
Tenn.	1,300	1,210	1,225	1.52	1.52	1.49	1,922	1,845	1,820
Tex.	2,250	2,150	2,250	2.33	2.50	2.08	5,245	5,370	4,676
Utah	584	580	584	2.86	3.14	3.15	1,670	1,820	1,842
Vt.	452	454	443	1.62	1.89	1.63	730	860	721
Va.	933	942	932	1.80	1.31	1.16	1,714	1,235	1,083
Wash.	860	869	876	2.75	2.81	2.78	2,362	2,446	2,432
W. Va.	605	595	580	1.66	1.41	1.43	1,002	838	830
Wis.	3,970	3,980	4,040	2.67	2.04	2.97	10,602	8,126	12,002
Wyo.	1,195	1,215	1,145	1.63	1.61	1.43	1,944	1,935	1,630
U.S.	61,324	60,311	60,493	2.16	1.99	2.17	132,210	120,006	131,057

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 411

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.<sup>3</sup> Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1961-71.<sup>4</sup> 30 States (April only).<sup>5</sup> 37 States (April and December only).

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 406.—Hay—alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1975-77

State	Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	212	207	210	6.50	7.00	6.50	1,378	1,449	1,365
Ark.....	60	60	68	2.90	2.55	2.90	174	153	197
Calif.....	1,120	1,100	1,140	5.90	6.00	6.55	6,608	6,600	6,660
Colo.....	785	750	720	2.65	2.80	2.75	2,027	2,100	1,980
Conn.....	21	22	20	2.40	2.80	2.40	50	62	48
Del.....	7	7	7	3.00	3.00	3.00	21	21	21
Idaho.....	1,030	1,020	1,070	3.70	3.55	3.60	3,811	3,621	3,852
Ill.....	770	760	770	3.30	3.40	3.65	2,541	2,584	2,811
Ind.....	420	400	420	3.00	3.00	3.30	1,260	1,200	1,386
Iowa.....	1,780	1,720	1,750	3.05	3.05	3.50	5,429	5,246	6,125
Kans.....	980	1,000	1,010	2.85	2.75	3.15	2,793	2,750	3,182
Ky.....	188	198	208	2.90	3.00	3.10	545	594	645
La.....	13	13	13	2.10	2.30	2.05	27	30	27
Maine.....	20	20	22	2.20	2.45	2.35	44	49	52
Md.....	67	66	68	3.30	3.20	2.90	221	211	197
Mass.....	26	27	25	2.60	2.45	2.30	68	66	58
Mich.....	1,000	980	1,000	2.75	2.80	2.45	2,750	2,548	2,450
Minn.....	2,200	2,190	2,200	2.95	2.10	3.10	6,490	4,599	6,820
Miss.....	13	13	12	2.25	1.95	2.85	29	25	34
Mo.....	530	600	575	2.50	2.20	2.65	1,325	1,100	1,524
Mont.....	1,230	1,170	1,170	2.30	2.20	2.15	2,829	2,574	2,516
Nebr.....	1,700	1,650	1,700	2.70	2.50	3.20	4,590	4,125	5,440
Nev.....	176	180	180	3.40	3.35	3.35	598	603	603
N.H.....	19	19	19	2.60	2.45	2.75	49	47	52
N.J.....	65	54	55	2.10	3.50	3.30	171	189	182
N. Mex.....	219	226	231	4.30	4.00	4.50	942	904	1,040
N.Y.....	930	990	990	2.70	2.70	2.35	2,511	2,673	2,327
N.C.....	13	15	16	2.60	2.70	2.30	34	41	37
N. Dak.....	1,920	1,840	1,900	1.90	1.30	1.20	3,648	2,392	1,920
Ohio.....	525	550	600	2.95	2.95	3.00	1,549	1,623	1,800
Okl.....	370	350	400	3.15	3.20	3.30	1,166	1,120	1,320
Oreg.....	410	410	415	3.30	3.50	3.50	1,353	1,435	1,453
Pa.....	520	510	525	2.70	2.70	2.60	2,314	2,187	2,145
R.I.....	3	3	3	2.35	2.60	2.90	7	8	7
S. Dak.....	2,600	2,300	2,440	1.50	.80	1.65	3,900	1,840	4,026
Tenn.....	90	95	100	2.35	2.40	2.45	212	228	245
Tex.....	200	200	180	4.70	5.40	4.70	940	1,080	846
Utah.....	460	460	465	3.30	3.50	3.50	1,472	1,610	1,628
Vt.....	96	94	98	1.85	2.25	1.90	178	212	186
Va.....	78	77	82	2.90	2.00	1.80	226	154	148
Wash.....	500	500	503	3.50	3.60	3.80	1,750	1,800	1,761
W. Va.....	85	80	80	2.30	2.10	2.25	196	168	180
Wis.....	3,020	3,010	3,100	2.85	2.20	3.25	8,607	6,622	10,075
Wyo.....	530	515	525	2.35	2.30	2.60	1,246	1,185	1,050
U.S.....	27,271	26,651	27,085	2.88	2.62	2.97	77,979	69,828	80,430

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 407.—Hay, all other: Area, yield, and production, by States, 1975-77

State	Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	630	650	630	1.80	1.70	1.60	1,134	1,105	1,008
Ariz.....	38	38	40	2.20	2.50	2.40	84	95	96
Ark.....	730	680	710	1.75	1.60	1.70	1,278	1,088	1,207
Calif.....	530	530	530	1.95	1.80	2.00	1,034	954	1,060
Colo.....	700	660	625	1.40	1.35	1.30	980	891	813
Conn.....	60	66	63	2.00	1.60	1.80	138	106	113
Del.....	16	15	16	1.65	1.90	1.80	26	29	26
Fla.....	207	219	226	1.95	1.95	2.00	404	427	452
Ga.....	455	450	470	2.50	2.30	1.60	1,138	1,035	752
Idaho.....	300	290	296	2.10	2.00	2.05	630	580	607

See footnotes at end of table.

Table 407.—Hay, all other: Area, yield, and production, by States, 1975-77—Continued

State	Area harvested			Yield per harvested acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ill.	480	460	460	2.10	1.90	1.95	1,008	874	897
Ind.	525	500	475	1.90	1.90	2.10	998	950	998
Iowa	670	640	500	2.15	2.20	2.20	1,441	1,408	1,100
Kans.	1,300	1,275	1,280	1.50	1.40	1.65	1,950	1,785	2,112
Ky.	1,340	1,330	1,360	1.75	1.80	1.80	2,345	2,394	2,448
La.	347	362	362	2.05	1.90	1.90	711	688	688
Maine	194	192	192	1.60	2.00	1.50	310	384	285
Md.	184	180	175	2.15	2.10	1.90	396	378	333
Mass.	95	94	92	2.05	2.00	1.90	195	188	175
Mich.	325	310	300	1.80	1.65	1.35	585	512	405
Minn.	1,010	1,060	940	1.50	1.10	1.40	1,515	1,166	1,316
Miss.	635	630	650	1.80	1.70	1.75	1,143	1,105	1,138
Mo.	2,870	2,850	2,880	1.80	1.35	1.45	4,305	3,848	4,176
Mont.	1,100	1,040	1,070	1.29	1.35	1.30	1,419	1,404	1,391
Nebr.	2,250	2,150	2,130	.85	.85	.95	1,913	1,828	2,024
Nev.	273	280	240	1.05	1.20	1.15	287	338	276
N.H.	72	74	70	1.80	1.80	1.90	130	133	133
N.J.	64	68	65	2.10	1.60	1.90	134	109	124
N. Mex.	71	67	70	1.40	1.20	1.20	99	80	84
N.Y.	1,370	1,410	1,360	1.90	1.90	1.70	2,603	2,667	2,312
N.C.	322	335	334	1.80	1.40	1.45	515	469	484
N. Dak.	1,820	1,800	1,540	1.00	.99	.85	1,820	1,584	1,269
Ohio	985	990	950	2.05	1.95	1.85	2,019	1,931	1,758
Okl.	1,240	1,260	1,375	1.70	1.45	1.60	2,108	1,827	2,260
Oreg.	820	640	615	1.70	1.60	1.60	1,054	1,024	884
Pa.	1,090	1,060	1,060	1.90	1.80	1.60	2,082	1,908	1,744
R.I.	210	6	5	1.70	1.67	1.50	10	10	8
S.C.	6	315	220	2.20	2.00	1.80	462	430	396
S. Dak.	2,110	2,000	2,060	.85	.80	1.10	1,794	1,600	2,266
Tenn.	1,110	1,115	1,125	1.45	1.45	1.40	1,610	1,617	1,575
Tex.	2,050	1,950	2,070	2.10	2.20	1.85	4,305	4,290	3,830
Utah	124	120	119	1.60	1.75	1.80	198	210	214
Vt.	356	360	345	1.55	1.80	1.55	552	648	535
Va.	875	865	850	1.70	1.25	1.10	1,488	1,081	935
Wash.	360	369	373	1.70	1.75	1.80	612	648	671
W. Va.	820	515	500	1.55	1.30	1.30	806	670	650
Wis.	950	970	940	2.10	1.55	2.05	1,995	1,504	1,927
Wyo.	665	700	620	1.05	1.10	.95	698	770	589
U.S.	34,053	33,660	33,408	1.59	1.49	1.52	54,231	50,178	50,627

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 408.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1963-77

Year beginning May	Farm carryover May 1	Produce- tion	Total supply	Disap- pearance	Roughage- consuming animal units	Supply per animal unit	Disappea- rance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1963.	23.1	117.5	140.6	120.8	89.8	1.57	1.35	.....
1964.	19.8	118.6	138.6	122.0	89.8	1.54	1.36	.....
1965.	16.6	125.6	142.2	119.5	88.9	1.60	1.34	.....
1966.	22.7	120.9	143.6	121.7	88.2	1.63	1.38	.....
1967.	21.9	125.1	147.0	122.1	88.1	1.67	1.39	.....
1968.	24.9	124.2	149.1	125.4	87.5	1.70	1.43	.....
1969.	23.7	126.0	149.7	125.6	88.0	1.70	1.43	.....
1970.	24.1	127.0	151.1	128.9	89.9	1.68	1.43	.....
1971.	22.2	129.1	151.3	125.8	91.1	1.66	1.38	.....
1972.	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973.	24.3	134.2	158.5	133.0	99.5	1.59	1.34	41.60
1974.	25.4	126.4	151.9	133.4	98.6	1.54	1.27	50.90
1975.	18.5	132.2	150.7	125.2	98.6	1.53	1.27	82.30
1976.	25.5	120.0	145.5	126.0	95.3	1.53	1.32	80.40
1977 <sup>1</sup> .	19.5	131.1	150.6	126.6	90.5	1.66	1.40	54.10

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 409.—Hay, all: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per ton, baled	Value of—	
					Production	Sales
	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 dollars
Ala.....	1,008	919	89	55.80	55,944	4,940
Aris.....	1,461	292	1,169	64.50	94,238	75,401
Ark.....	1,404	1,292	112	44.00	61,776	4,928
Calif.....	7,729	2,164	5,565	56.00	436,011	328,335
Colo.....	2,793	1,592	1,201	56.50	157,805	67,887
Conn.....	161	143	18	62.00	11,106	1,242
Dcl.....	47	38	9	30.00	3,901	747
Fla.....	482	344	108	63.00	28,476	6,864
Ga.....	752	647	105	60.50	45,496	6,363
Idaho.....	4,486	3,210	1,249	46.00	206,114	87,484
Ill.....	3,708	3,300	408	53.00	196,834	21,634
Ind.....	2,384	2,050	334	54.50	129,928	18,203
Iowa.....	7,225	6,575	650	47.50	343,188	30,875
Kans.....	5,294	4,182	1,112	43.00	227,042	47,616
Ky.....	3,063	2,886	307	47.50	146,918	9,833
La.....	715	636	79	47.00	33,605	3,713
Maine.....	340	301	39	54.00	18,360	2,106
Md.....	530	461	69	80.80	42,668	8,585
Mass.....	253	206	27	66.00	16,977	1,863
Mich.....	2,485	2,370	485	56.00	165,860	25,130
Minn.....	6,136	7,300	936	48.00	390,528	44,928
Miss.....	1,172	1,037	135	46.00	53,912	6,210
Mo.....	5,700	5,130	570	49.50	282,180	28,215
Mont.....	3,907	3,282	625	56.00	218,792	35,000
Nebr.....	7,464	6,232	1,232	33.00	246,312	40,656
Nev.....	879	615	264	55.50	48,785	14,652
N.H.....	185	164	21	64.00	11,840	1,244
N.J.....	306	190	116	74.00	22,644	5,564
N. Mex.....	1,134	427	697	57.50	64,630	46,078
N.Y.....	4,639	4,175	464	67.50	313,133	31,330
N.C.....	521	458	63	73.00	38,033	4,599
N. Dak.....	3,229	2,890	339	43.50	140,462	14,747
Ohio.....	3,888	2,811	747	56.50	201,027	42,206
Okla.....	3,620	2,746	774	53.80	188,320	41,409
Oreg.....	2,437	1,779	658	58.50	142,565	38,493
Pa.....	3,889	3,267	622	75.00	291,678	46,650
R.I.....	15	13	2	66.00	1,035	138
S.C.....	396	341	55	61.50	24,354	3,383
S. Dak.....	6,292	5,600	692	36.00	228,512	24,912
Tenn.....	1,820	1,683	137	46.00	83,720	6,302
Tex.....	4,676	3,694	982	49.50	231,462	48,606
Utah.....	1,842	1,179	663	58.00	106,836	38,454
Vt.....	721	678	43	64.00	46,144	2,752
Va.....	1,083	986	97	77.00	83,301	7,489
Wash.....	2,432	1,289	1,143	54.50	132,544	62,294
W. Va.....	630	776	54	61.00	42,300	2,754
Wis.....	12,002	10,862	1,140	54.50	654,109	62,130
Wyo.....	1,630	1,393	248	45.00	73,755	11,070
U.S.....	131,067	104,505	28,552	54.00	6,801,364	1,433,137

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 410.—Hay: Area and production, by kinds, United States, 1963-77

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanut vine	Grains out green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1963.....	28,490	14,063	2,452	511	69	600	2,760	10,414	7,079	.....	66,428
1964.....	29,384	15,440	2,471	463	52	452	2,942	10,584	7,887	.....	67,878
1965.....	29,705	15,022	2,336	463	(1)	450	2,738	10,087	9,185	.....	67,496
1966.....	28,950	12,883	1,730	.....	.....	407	2,793	9,035	8,558	.....	64,358
1967.....	27,997	12,759	1,590	.....	.....	330	2,389	9,422	8,916	.....	63,303
1968.....	26,964	12,685	1,375	.....	.....	311	2,480	8,564	8,543	.....	60,922
1969.....	26,634	12,538	1,178	.....	.....	337	2,693	8,314	8,022	33,082	50,716
1970.....	27,276	12,913	1,098	.....	.....	312	2,762	8,549	8,656	34,191	61,467
1971.....	27,999	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	33,756	61,355
1972.....	27,187	.....	.....	.....	.....	.....	.....	.....	.....	32,493	59,680
1973.....	27,826	.....	.....	.....	.....	.....	.....	.....	.....	34,002	61,828
1974.....	26,877	.....	.....	.....	.....	.....	.....	.....	.....	33,318	60,195
1975.....	27,271	.....	.....	.....	.....	.....	.....	.....	.....	34,033	61,324
1976.....	26,651	.....	.....	.....	.....	.....	.....	.....	.....	33,680	60,311
1977 <sup>a</sup> .....	27,085	.....	.....	.....	.....	.....	.....	.....	.....	33,408	60,493
Production											
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1963.....	70,037	21,367	3,018	717	65	408	3,537	9,263	9,085	.....	117,537
1964.....	71,304	19,821	3,049	653	50	309	3,872	9,387	10,333	.....	118,778
1965.....	74,554	20,086	3,051	(1)	(1)	316	3,883	9,600	13,820	.....	125,610
1966.....	73,073	20,895	2,192	.....	.....	285	3,603	7,867	13,015	.....	120,630
1967.....	74,260	22,132	2,400	.....	.....	236	3,308	9,034	13,767	.....	125,134
1968.....	73,632	22,837	1,937	.....	.....	226	3,526	7,028	14,185	.....	124,244
1969.....	75,853	22,933	1,700	.....	.....	236	3,943	8,238	13,067	50,145	126,026
1970.....	75,573	23,403	1,615	.....	.....	237	3,920	8,161	14,188	51,398	128,969
1971.....	77,285	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	51,847	129,132
1972.....	78,226	.....	.....	.....	.....	.....	.....	.....	.....	50,339	128,565
1973.....	78,905	.....	.....	.....	.....	.....	.....	.....	.....	55,412	134,217
1974.....	74,368	.....	.....	.....	.....	.....	.....	.....	.....	52,016	126,384
1975.....	77,979	.....	.....	.....	.....	.....	.....	.....	.....	54,231	132,210
1976.....	69,828	.....	.....	.....	.....	.....	.....	.....	.....	50,178	120,006
1977 <sup>a</sup> .....	80,430	.....	.....	.....	.....	.....	.....	.....	.....	50,627	131,087

<sup>1</sup> Included in "Other hay" from 1965 through 1970. <sup>2</sup> Not estimated separately; included in "All other hay." <sup>3</sup> Preliminary. Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1944-62 in *Agricultural Statistics, 1972*, table 394.

Table 411.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1963-77

Year	April <sup>2,3</sup>	May	June	July	August	September	October	November	December <sup>3</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963.....	74	76	75	77	73	72	73	62	.....
1964.....	72	81	79	77	70	68	73	68	.....
1965.....	73	79	81	84	79	78	83	82	.....
1966.....	79	81	82	78	68	77	78	76	.....
1967.....	74	79	77	83	84	79	79	79	.....
1968.....	77	83	85	88	82	81	82	81	.....
1969.....	77	86	86	85	82	77	78	78	.....
1970.....	79	84	85	86	76	73	80	81	.....
1971.....	70	75	80	80	77	77	80	83	.....
1972.....	* 78	78	84	82	81	81	80	81	* 80
1973.....	* 86	87	87	87	83	78	82	83	* 81
1974.....	* 79	81	84	82	66	71	75	70	* 71
1975.....	* 77	78	86	88	80	76	80	77	* 74
1976.....	* 73	79	77	75	70	61	63	66	* 64
1977.....	* 74	76	74	68	64	71	76	75	* 72
	* 86	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on page 267.

Table 412.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1966–75, annual 1976 and 1977

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1966–75	1976	1977	Average 1966–75	1976	1977		Average 1966–75	1976	1977	Average 1966–75	1976	1977
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Ala.	84	83	63	85	68	63	Nev.	82	75	80	80	69	69
Ari.	74	77	60	77	64	73	N.H.	88	100	85	79	92	78
Ark.	88	80	72	77	56	72	N.J.	88	82	79	73	67	87
Calif.	78	46	41	76	47	39	N. Mex.	68	66	77	76	63	81
Colo.	76	71	69	76	65	72	N.Y.	88	91	89	81	88	78
Conn.	88	92	88	74	85	78	N.C.	90	74	74	85	64	61
Del.	93	66	67	74	71	55	N. Dak.	81	70	44	72	48	49
Fla.	71	82	50	86	82	75	Ohio	91	72	77	83	85	88
Ga.	83	84	53	83	72	55	Okl.	82	86	91	75	56	80
Idaho	83	90	60	81	87	69	Oreg.	82	87	84	75	92	59
Ill.	92	83	80	81	81	87	Pa.	90	83	79	77	84	85
Ind.	92	75	83	84	78	90	R.I.	91	96	90	75	96	80
Iowa	88	88	90	79	56	78	S.C.	85	81	82	81	67	82
Kans.	82	86	90	74	49	90	S. Dak.	81	51	68	66	31	71
Ky.	94	74	81	89	83	92	Tenn.	91	80	80	82	69	76
La.	83	78	66	82	66	80	Tex.	78	79	84	72	65	58
Maine	86	94	91	80	90	79	Utah	80	83	82	79	67	61
Md.	89	74	65	75	77	74	Vt.	87	94	75	80	89	64
Mass.	88	93	93	76	84	78	Va.	92	67	67	89	46	54
Mich.	88	86	61	78	55	74	Wash.	85	89	61	74	90	55
Minn.	86	47	77	72	26	71	W. Va.	86	65	61	85	73	74
Miss.	88	78	73	84	54	71	Wis.	88	78	75	74	37	79
Mo.	80	82	81	70	45	78	Wyo.	83	91	82	81	84	75
Mont.	82	87	68	80	84	60							
Nebr.	82	80	89	72	48	89	U.S.	84	77	74	77	61	71

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65–79, poor to fair; 50–64, very poor; 35–49, severe drought; and under 35, extreme drought.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 413.—Field seeds: Production of clean seed, United States, 1963–77

Year	White clover	Ladino clover	Red-top	Orchard-grass <sup>1</sup>	Kentucky blue-grass <sup>2</sup>	Sudan-grass	Smooth brome-grass	Crested wheat-grass	Chewings fescue	Red fescue	Tall fescue	Bent-grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963	7,528	6,208	2,630	8,080	14,058	58,556	5,748	3,099	6,290	3,810	46,910	7,919
1964	5,602	5,120	3,240	14,940	19,238	40,305	13,194	1,538	7,920	5,310	61,924	9,673
1965	4,026	4,930	(7)	13,490	22,833	(5)	(7)	(7)	6,290	6,014	56,864	7,748
1966	3,940	4,205	-----	10,010	20,247	-----	-----	-----	7,175	6,918	70,596	8,463
1967	2,164	3,600	-----	6,880	34,651	-----	-----	-----	7,350	8,893	49,730	7,968
1968	840	3,688	-----	6,510	33,924	-----	-----	-----	5,780	6,578	55,832	6,516
1969	2,098	4,950	-----	8,060	33,709	-----	-----	-----	7,425	6,348	64,833	5,723
1970	2,410	4,760	-----	8,673	36,519	-----	-----	-----	7,280	6,150	83,065	7,473
1971	4,800	4,950	-----	8,273	48,643	-----	-----	-----	8,670	7,800	91,462	10,193
1972	(7)	3,875	-----	19,270	46,622	-----	-----	-----	6,765	6,380	88,995	9,632
1973	-----	3,120	-----	20,379	35,859	-----	-----	-----	7,700	7,250	131,970	9,585
1974	-----	3,285	-----	15,942	55,003	-----	-----	-----	6,825	7,750	103,860	9,230
1975	-----	4,290	-----	14,205	36,578	-----	-----	-----	5,780	6,720	123,120	7,790
1976	-----	3,422	-----	12,000	33,781	-----	-----	-----	5,415	6,630	85,310	6,650
1977	-----	3,300	-----	10,348	19,082	-----	-----	-----	6,325	6,000	107,995	6,800

<sup>1</sup> Does not include Oregon prior to 1972.

<sup>2</sup> Other than Merion.

<sup>3</sup> Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929–62 in *Agricultural Statistics, 1978*, table 403.

Table 414.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1963-77

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Alfalfa seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	937,000	170	159,196	31.00	49,196	4,722	23,558	28,280	786	188,262	145,208	7,206
1964.....	995,500	201	140,142	31.30	43,608	12,502	30,552	43,054	413	183,609	136,489	9,282
1965.....	907,000	198	119,977	33.00	39,383	11,666	35,454	47,120	63	167,160	131,869	15,686
1966.....	872,800	204	117,054	35.60	41,445	7,999	27,692	35,291	114	182,459	118,247	17,701
1967.....	483,200	243	112,637	41.10	46,200	5,220	28,922	34,212	1,077	147,926	112,301	10,964
1968.....	537,000	215	115,225	37.90	43,603	5,549	30,077	35,625	680	151,530	114,100	12,244
1969.....	485,200	211	102,518	37.40	38,279	4,852	32,578	37,430	165	140,113	113,819	16,610
1970.....	624,600	221	137,677	35.50	48,733	4,134	22,159	26,293	54	164,324	122,463	20,969
1971.....	495,900	239	118,747	35.00	41,345	9,464	32,397	41,861	72	160,680	125,391	17,630
1972.....	374,100	282	105,465	43.60	45,818	6,084	29,205	35,289	270	141,024	115,515	17,655
1973.....	412,300	248	102,406	86.40	88,372	3,995	21,614	25,509	191	128,108	100,103	17,239
1974.....	456,900	244	111,300	83.70	92,834	2,185	25,850	28,035	229	139,534	86,383	13,403
1975.....	342,000	267	91,405	68.26	62,284	14,995	38,156	53,151	111	144,667	109,219	16,660
1976.....	350,000	231	89,748	102.00	81,850	7,852	27,506	35,448	160	118,356	96,328	11,632
1977.....	392,500	245	96,065	108.00	103,318	3,908	22,120	26,028	-----	-----	-----	-----
Red clover seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	895,800	84	75,132	32.70	24,294	9,621	11,124	20,745	1,932	97,809	74,896	-----
1964.....	837,200	96	80,755	24.20	19,197	10,676	12,237	22,913	1,255	104,953	71,651	-----
1965.....	645,800	100	64,765	23.20	14,761	17,166	16,136	33,302	1,084	99,151	68,167	4,334
1966.....	672,100	94	63,183	22.90	14,333	14,204	16,780	30,984	3,082	97,249	64,835	2,232
1967.....	477,000	92	43,787	27.00	11,889	15,628	16,786	32,414	6,353	82,554	62,277	2,112
1968.....	457,500	83	37,920	30.70	11,473	5,325	11,952	20,277	9,891	68,088	53,111	699
1969.....	405,000	101	40,592	35.60	14,317	8,846	8,131	14,977	7,391	62,960	47,162	1,383
1970.....	445,300	103	46,084	31.70	14,359	5,310	10,488	15,798	5,104	66,986	48,258	1,842
1971.....	377,600	107	40,478	27.50	11,014	6,403	12,325	18,728	5,605	64,811	45,791	1,250
1972.....	261,800	96	25,118	40.70	9,995	8,135	10,885	19,020	6,128	50,266	36,982	1,160
1973.....	332,000	92	30,455	61.90	18,393	5,263	8,021	13,284	3,684	47,423	36,791	1,665
1974.....	318,900	98	31,257	58.40	17,829	4,630	6,002	10,632	5,451	47,340	37,268	875
1975.....	339,300	107	36,414	49.50	17,886	5,324	4,748	10,072	5,041	51,527	38,976	813
1976.....	347,600	102	35,291	63.20	21,714	6,244	6,307	12,551	3,373	51,215	36,812	3,465
1977.....	244,100	162	24,877	73.60	17,642	6,203	8,200	14,403	-----	-----	-----	-----
Ladino clover seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	17,000	385	6,205	48.50	3,009	-----	2,424	2,424	-----	8,540	6,427	3,675
1964.....	16,000	320	5,120	52.50	2,688	6	2,207	2,213	-----	7,333	4,793	2,670
1965.....	14,500	340	4,920	45.50	2,243	-----	2,540	2,540	-----	7,470	5,847	3,259
1966.....	14,500	290	4,205	50.00	2,103	-----	1,923	1,923	-----	6,125	4,273	3,373
1967.....	12,000	300	3,600	62.50	2,250	-----	1,855	1,855	1	5,456	3,646	2,108
1968.....	12,500	295	3,688	71.00	2,618	-----	1,810	1,810	2	5,500	4,485	2,706
1969.....	16,500	300	4,950	70.00	3,465	-----	1,015	1,015	1	5,966	4,551	2,346
1970.....	17,000	280	4,760	68.50	3,261	0	1,415	1,415	2	6,177	4,948	3,254
1971.....	18,000	275	4,950	64.00	3,168	48	1,281	1,329	10	6,289	4,414	2,491
1972.....	15,500	250	3,875	62.50	2,422	0	1,875	1,875	5	5,755	4,312	3,329
1973.....	12,000	260	3,120	100.00	3,120	0	1,443	1,443	10	4,573	3,319	3,485
1974.....	8,000	355	3,285	160.00	5,256	0	1,254	1,254	12	4,551	2,905	1,666
1975.....	11,000	390	4,290	107.00	4,590	0	1,646	1,646	2	5,939	4,183	1,579
1976.....	11,000	295	3,422	130.00	4,449	40	1,716	1,756	180	5,358	3,478	2,703
1977.....	12,000	275	3,300	100.00	3,300	0	1,880	1,880	-----	-----	-----	-----

See footnotes at end of table.

Table 414.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1963-77—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Crimson clover seed												
	Acrea	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	42,500	250	10,616	20.20	2,149	425	2,090	2,515	44	13,175	10,556	.....
1964.....	43,700	291	12,699	14.10	1,822	206	2,414	2,619	.....	15,318	11,718	.....
1965.....	34,800	239	8,310	18.70	1,566	531	3,069	3,600	.....	11,910	9,958	.....
1966.....	34,900	235	8,214	20.60	1,713	460	1,492	1,952	.....	10,166	9,754	.....
1967.....	28,400	279	7,912	21.90	1,738	113	299	412	.....	8,324	7,224	.....
1968.....	26,400	266	7,031	22.80	1,612	75	1,025	1,100	2	8,133	6,299	.....
1969.....	24,500	303	7,431	22.50	1,679	77	1,787	1,864	1	9,296	6,351	.....
1970.....	26,700	337	8,992	13.10	1,192	411	2,534	2,945	0	11,937	6,495	.....
1971.....	16,700	224	3,742	15.40	577	1,883	3,537	5,443	1	9,185	6,462	.....
1972.....	11,300	241	2,718	20.80	564	449	2,274	2,723	11	5,452	4,756	.....
1973.....	8,600	320	2,754	35.90	989	71	625	696	2	3,452	3,000	.....
1974.....	7,100	253	1,796	57.90	1,038	23	429	452	1	2,249	2,047	.....
1975.....	6,700	335	2,247	89.50	1,344	57	145	202	200	2,649	2,002	.....
1976.....	11,500	320	3,680	35.50	1,306	10	637	647	2	4,329	3,142	.....
1977.....	11,500	330	3,795	32.00	1,214	37	1,160	1,187	.....	.....	.....	.....
Lespedeza seed												
	Acrea	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	289,500	198	57,255	16.80	9,548	2,388	8,271	7,850	.....	64,914	59,998	.....
1964.....	283,500	196	55,600	14.80	8,236	1,754	3,162	4,916	.....	60,516	56,135	.....
1965.....	301,500	228	68,232	11.70	8,052	2,198	2,185	4,381	.....	72,613	64,315	.....
1966.....	239,500	215	51,230	14.40	7,320	2,460	5,538	8,298	.....	60,528	52,486	.....
1967.....	196,200	196	38,512	15.20	5,867	2,608	5,434	8,042	.....	46,554	43,297	.....
1968.....	172,000	224	38,500	16.40	6,337	1,670	1,587	3,257	.....	41,757	37,578	.....
1969.....	183,500	237	47,017	15.30	7,149	1,080	2,819	3,879	.....	50,896	38,351	.....
1970.....	165,500	229	37,830	13.90	5,219	2,538	10,007	12,545	.....	50,375	39,728	.....
1971.....	130,700	194	25,323	15.40	3,775	1,968	8,554	10,649	.....	35,672	30,550	.....
1972.....	79,000	192	14,985	22.30	3,345	1,040	4,382	5,422	.....	20,407	17,760	.....
1973.....	74,300	208	15,456	37.30	5,715	756	1,871	2,647	.....	18,083	14,454	.....
1974.....	58,500	189	11,038	36.10	4,023	439	3,140	3,629	.....	14,667	12,196	.....
1975.....	68,600	219	15,012	31.40	4,739	696	1,775	2,471	.....	17,453	15,805	.....
1976.....	57,400	190	10,912	44.00	4,792	479	1,499	1,978	.....	12,890	10,560	.....
1977.....	52,300	202	10,732	72.00	7,624	490	1,840	2,330	.....	.....	.....	.....
Timothy seed												
	Acrea	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	181,000	130	20,998	18.60	3,877	1,295	5,232	6,527	1,748	29,271	25,047	3,444
1964.....	202,500	145	29,313	15.50	4,549	1,129	3,095	4,224	409	33,946	27,306	4,816
1965.....	194,500	169	32,792	14.50	4,770	1,100	5,540	6,640	328	39,760	29,442	6,349
1966.....	215,300	159	34,160	9.00	3,102	1,326	8,992	10,318	2,888	47,366	28,720	1,469
1967.....	174,600	157	27,494	8.83	1,595	4,263	14,382	18,646	232	46,382	26,824	3,278
1968.....	125,300	152	19,078	8.65	1,653	4,774	14,784	19,558	423	39,059	26,507	1,563
1969.....	158,000	177	27,503	8.41	2,321	2,373	10,279	12,552	70	40,125	23,830	5,611
1970.....	142,000	178	25,283	7.10	1,794	2,601	11,694	14,295	239	39,527	26,813	6,092
1971.....	136,700	207	28,250	8.05	2,267	3,922	10,102	13,024	55	41,329	26,707	8,254
1972.....	110,500	190	20,953	15.60	3,256	1,718	8,870	8,588	619	30,160	25,707	8,254
1973.....	147,500	161	23,728	31.80	7,439	880	2,593	3,453	998	28,179	20,094	4,055
1974.....	134,600	171	22,038	21.30	4,626	1,347	6,738	8,085	709	31,832	19,623	3,289
1975.....	75,400	185	14,458	14.80	2,080	2,639	9,568	12,207	552	27,247	17,378	5,222
1976.....	72,000	173	12,532	27.50	3,429	4,313	5,556	9,869	790	23,292	18,037	8,153
1977.....	65,100	187	12,149	50.00	6,132	1,335	3,920	5,258	.....	.....	.....	.....

See footnotes at end of table.

Table 414.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1963-77—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports	
						Farm	Dealer	Total					
Orchardgrass seed													
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1963.....	51,000	170	8,680	24.00	2,077	184	3,950	4,134	7,467	20,251	17,433	37	
1964.....	68,000	230	14,940	16.10	2,411	264	2,582	2,846	8,406	23,192	18,143		
1965.....	55,000	245	13,490	15.50	2,064	500	4,549	5,049	3,788	22,327	17,020		
1966.....	43,000	233	10,010	15.00	1,501	363	4,944	5,307	8,821	21,138	14,697		
1967.....	31,000	222	6,880	15.30	1,051	397	6,044	6,441	6,559	20,180	15,016		
1968.....	32,000	203	6,510	19.50	1,278	240	4,924	5,164	8,196	19,870	14,204		
1969.....	34,500	234	8,060	19.60	1,588	210	5,450	5,666	4,918	18,044	12,795		
1970.....	36,500	238	8,673	20.30	1,751	289	5,857	5,846	1,670	16,189	9,945		
1971.....	32,500	255	8,273	19.20	1,587	282	5,964	6,246	1,724	16,243	9,136		
1972.....	46,000	419	19,270	23.30	4,481	298	6,839	7,107	1,453	27,830	19,928		
1973.....	44,800	455	20,379	33.90	6,900	748	7,154	7,902	101	28,382	18,831		
1974.....	37,400	426	18,942	32.10	5,119	947	8,004	9,551	53	25,576	15,641		
1975.....	28,000	507	14,205	26.10	3,710	1,922	8,013	9,935	145	24,285	15,001		
1976.....	28,500	473	13,960	30.10	5,635	654	8,630	9,284	1,227	22,571	14,376		
1977.....	22,300	464	10,348	33.00	3,417	1,023	7,170	8,195					
Merion Kentucky bluegrass seed													
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1963.....	11,320	294	3,333	81.40	2,714	180	1,743	1,923	827	6,083	4,622		
1964.....	10,400	319	3,317	96.50	3,302	37	1,424	1,461	950	5,728	4,044		
1965.....	12,060	287	3,631	110.00	3,994		1,584	1,584	473	5,790	4,409		
1966.....	16,450	305	5,143	55.70	2,868	78	1,303	1,381	1,073	7,597	4,951		
1967.....	19,700	330	6,496	38.60	2,807	183	2,463	2,646	1,861	10,703	6,121		
1968.....	14,450	314	4,531	42.80	1,938	373	4,209	4,582	626	9,730	6,448		
1969.....	12,300	238	2,927	90.00	2,633	212	3,079	3,291	130	6,348	4,490		
1970.....	12,900	263	3,390	123.00	4,184	106	1,782	1,858	66	8,314	3,928		
1971.....	15,100	343	5,179	65.40	3,390	96	1,290	1,386	12	6,877	3,597		
1972.....	17,500	291	5,088	70.80	3,604	90	2,890	2,980		8,068	5,542		
1973.....	17,900	241	4,321	119.00	5,151	215	2,311	2,526		8,847	3,822		
1974.....	14,400	275	3,968	60.40	2,409	405	2,619	3,025		7,013	3,612		
1975.....	8,400	273	2,294	75.90	1,740	1,415	1,886	3,401		5,695	2,553		
1976.....	3,800	281	992	107.00	1,065	1,045	2,097	3,142		4,134	2,719		
1977.....	2,900	283	707	121.00	852	315	1,100	1,415					
Kentucky bluegrass seed other than Merion													
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1963.....			14,058			11,485	11,485	16,514	42,057	32,327	1,015		
1964.....			19,238			9,730	9,730	13,107	42,075	34,545	1,191		
1965.....			22,833			7,830	7,830	9,188	39,548	31,780	1,030		
1966.....			30,247			7,798	7,798	5,767	43,812	34,013	953		
1967.....			34,551			9,799	9,799	1,632	46,082	33,319	1,646		
1968.....			33,924			12,763	12,763	230	46,917	33,852	2,430		
1969.....			33,709			13,065	13,065	2,691	46,865	37,193	4,694		
1970.....			36,519			11,672	11,672	83	48,274	38,309	7,266		
1971.....			48,643			9,965	9,965	13	58,621	45,138	11,923		
1972.....			46,622			13,483	13,483	115	60,220	44,627	13,001		
1973.....			35,889			15,563	15,563	1,256	82,708	29,640	7,183		
1974.....			55,003			23,068	23,068	156	78,827	40,719	13,523		
1975.....			36,578			9,908	28,200	38,108	385	75,071	29,338	7,744	
1976.....			33,781	48.80	16,485	15,293	20,440	35,733	799	70,313	44,848	10,083	
1977.....			19,082	81.60	15,567	8,188	20,280	28,468					

See footnotes at end of table.

Table 414.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1963-77—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Chewings fescue seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	17,000	370	6,290	31.00	1,950	1,350	5,010	6,360	31	12,681	9,773	
1964.....	16,500	480	7,920	33.00	2,614	314	2,894	2,906	0	10,828	8,987	
1965.....	17,000	370	6,290	42.80	2,673	40	1,801	1,841	0	8,131	5,627	
1966.....	17,500	410	7,175	25.50	1,830	126	2,378	2,504	29	9,708	6,679	
1967.....	17,500	420	7,350	19.50	1,432	789	2,240	3,029	6	10,385	7,159	
1968.....	16,000	380	5,790	22.00	1,267	514	2,712	3,226	4	8,990	7,413	
1969.....	16,500	450	7,425	24.00	1,782	403	1,174	1,577	28	9,030	6,754	
1970.....	16,500	440	7,290	33.00	2,396	371	1,905	2,276	75	9,612	6,864	
1971.....	17,000	510	8,670	28.00	2,428	218	2,830	3,048	10	11,728	8,815	
1972.....	16,500	410	6,765	33.00	2,232	434	2,479	2,913	60	9,738	7,811	
1973.....	14,000	550	7,700	52.00	4,004	68	2,189	2,227	6	9,933	6,875	
1974.....	13,000	525	6,825	31.00	2,116	693	2,365	3,058	43	9,928	5,928	
1975.....	11,500	500	5,750	26.00	1,495	1,820	2,178	3,967	9	9,767	7,278	
1976.....	9,500	570	5,415	43.00	2,328	460	2,019	2,479	13	7,907	6,129	
1977.....	11,500	550	6,325	52.00	3,289	108	1,670	1,778				
Red fescue seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	10,150	375	3,810	35.90	1,369	253	4,443	4,696	9,146	17,652	13,989	
1964.....	10,150	523	5,310	36.50	1,938	19	3,644	3,663	7,432	16,405	13,704	
1965.....	12,530	444	6,014	41.90	2,518	82	2,649	2,701	14,436	23,151	16,220	
1966.....	15,250	454	6,915	25.30	1,752	114	6,817	6,931	9,701	23,550	17,034	
1967.....	16,700	533	8,893	18.90	1,683	607	5,909	6,516	10,423	25,832	18,599	
1968.....	15,500	424	6,578	20.90	1,377	474	6,759	7,233	16,387	30,198	21,834	
1969.....	14,200	447	6,348	25.00	1,585	646	7,718	8,364	14,476	29,188	21,983	
1970.....	18,000	410	6,180	31.50	1,937	189	7,016	7,205	16,683	30,038	23,509	
1971.....	15,000	520	7,800	29.00	2,262	123	6,406	6,539	11,928	26,257	20,995	
1972.....	14,500	440	6,380	34.00	2,169	0	5,282	5,282	10,999	22,641	19,167	
1973.....	14,500	500	7,250	61.00	4,423	64	3,410	3,474	15,318	28,042	19,321	
1974.....	15,500	500	7,750	30.00	2,325	362	6,349	6,711	10,549	25,010	17,072	
1975.....	14,000	480	6,720	25.00	1,680	1,938	6,000	7,938	13,369	28,027	22,031	
1976.....	13,000	510	6,630	42.00	2,785	805	5,391	5,996	22,369	34,995	24,733	
1977.....	12,000	500	6,000	52.00	3,120	862	9,400	10,262				
Tall (Alta & Ky. 31) fescue seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	227,800	206	46,910	18.60	8,737	479	2,358	2,837	1	49,748	40,296	
1964.....	290,400	213	61,924	9.72	6,054	1,750	7,702	9,452	7	71,383	56,876	
1965.....	243,100	233	56,564	9.38	5,315	4,208	10,299	14,507	0	71,071	57,565	
1966.....	308,700	258	79,593	8.32	6,640	2,849	10,657	13,506	1	93,100	67,016	
1967.....	203,600	244	49,739	8.88	4,278	7,652	18,452	26,084	0	75,823	64,154	
1968.....	227,900	245	55,832	10.50	5,845	2,197	9,472	11,669	1	67,602	60,967	
1969.....	285,800	233	64,833	14.30	9,283	1,508	5,030	6,535	2	71,370	55,543	
1970.....	321,100	259	83,055	9.60	7,481	2,183	13,565	15,728	21	98,814	79,608	
1971.....	297,700	307	91,462	9.10	8,341	6,388	12,820	19,206	0	110,668	98,485	
1972.....	315,000	283	88,995	12.30	11,002	2,857	9,326	12,183	49	101,227	90,400	
1973.....	452,000	292	131,970	17.10	22,574	1,397	9,430	10,827	178	142,973	112,908	
1974.....	409,000	254	103,860	14.10	14,724	6,397	23,668	30,065	10	133,935	106,579	
1975.....	451,500	273	123,120	13.60	16,796	9,151	18,205	27,356	4	150,480	118,341	
1976.....	370,500	230	85,310	19.90	17,069	7,119	25,020	32,139	6	117,455	105,990	
1977.....	460,000	235	107,995	23.00	24,865	1,618	9,850	11,465				

See footnotes at end of table.



Table 414.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1963-77—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Bentgrass seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	27,550	287	7,918	48.40	3,834	62	1,197	1,259	35	9,312	6,776	4,877
1964.....	31,700	305	9,673	33.80	3,273	235	2,201	2,436	16	12,125	9,199	7,187
1965.....	32,600	238	7,746	41.90	3,246	209	2,717	2,926	8	10,680	7,260	6,049
1966.....	31,600	268	8,465	28.90	2,167	784	2,636	3,420	9	11,892	9,065	8,089
1967.....	30,250	264	7,978	35.10	2,800	887	1,940	2,827	8	10,780	8,000	6,828
1968.....	26,150	249	6,516	36.60	2,382	835	1,955	2,790	119	9,416	7,219	6,278
1969.....	28,120	219	5,733	30.20	2,876	455	1,742	2,197	197	8,127	6,690	5,050
1970.....	28,230	285	7,473	47.00	3,555	114	1,323	1,437	20	8,930	7,211	7,501
1971.....	27,260	374	10,193	49.40	5,031	223	1,496	1,719	63	11,975	9,599	9,144
1972.....	28,330	340	9,632	42.40	4,082	113	2,263	2,376	11	12,019	9,248	9,676
1973.....	27,000	355	9,585	54.00	5,176	327	2,444	2,771	92	12,448	9,103	8,710
1974.....	26,000	355	9,330	40.00	3,692	742	2,603	3,345	41	12,616	8,491	8,175
1975.....	20,500	380	7,790	44.00	3,426	2,125	2,006	4,125	60	11,975	8,097	8,425
1976.....	19,000	350	6,650	79.00	5,254	1,558	1,730	3,278	53	9,981	7,866	7,986
1977.....	17,000	400	6,800	88.00	5,984	865	1,550	2,415	-----	-----	-----	-----
Hairy vetch seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	110,000	280	30,635	10.80	3,335	843	3,399	4,242	13	35,090	30,960	-----
1964.....	120,800	226	27,212	11.70	3,176	1,100	3,067	4,167	0	31,379	29,033	-----
1965.....	91,000	131	11,960	14.30	1,687	823	1,523	2,346	0	14,306	12,669	-----
1966.....	90,000	216	19,480	11.80	2,301	404	1,243	1,647	8	21,135	14,153	-----
1967.....	72,500	189	13,862	8.44	1,170	959	6,023	6,982	0	20,844	15,122	-----
1968.....	55,500	163	9,020	11.20	991	708	5,014	5,722	1,164	18,906	12,920	-----
1969.....	55,200	178	9,799	14.70	1,400	680	2,336	2,988	1,153	13,938	11,431	-----
1970.....	81,600	204	10,508	12.50	1,315	580	1,927	2,507	5	13,020	9,313	-----
1971.....	46,400	226	10,487	12.20	1,284	544	3,263	3,807	5	14,290	9,440	-----
1972.....	46,400	159	7,390	11.30	837	1,335	3,524	4,859	2	12,251	9,024	-----
1973.....	33,000	182	6,005	13.60	816	637	2,590	3,227	4	9,236	5,178	-----
1974.....	24,500	176	4,310	19.05	821	430	3,628	4,058	111	8,479	7,694	-----
1975.....	27,000	243	6,889	24.00	1,656	82	703	785	0	7,674	4,538	-----
1976.....	28,400	251	6,765	25.10	1,700	448	2,688	3,136	3	9,904	8,696	-----
1977.....	30,500	270	8,235	27.10	2,234	148	1,060	1,208	-----	-----	-----	-----
All ryegrass seed												
	Acres	Lb.	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	148,000	1,005	145,725	6.10	8,899	5,697	40,940	46,547	91	192,363	142,664	-----
1964.....	181,000	1,190	179,690	4.75	8,535	7,286	42,393	49,679	211	220,580	176,556	-----
1965.....	142,000	1,130	160,460	5.90	9,467	12,219	40,805	53,024	745	214,229	162,709	11,746
1966.....	142,000	1,070	151,940	5.90	8,964	17,101	34,329	51,430	294	203,664	160,003	12,192
1967.....	128,000	1,070	136,960	6.50	8,902	9,568	34,093	43,661	280	180,901	153,528	16,922
1968.....	143,000	1,165	166,555	7.90	13,161	5,478	21,995	27,373	650	194,618	163,286	10,996
1969.....	163,000	1,180	189,080	8.10	15,315	2,493	28,839	31,332	1,680	222,071	180,194	14,902
1970.....	185,000	1,180	218,300	6.50	14,190	13,442	28,435	41,877	867	281,044	200,234	23,314
1971.....	174,000	1,820	264,480	8.90	14,811	28,002	32,806	60,810	1,077	326,367	242,546	15,638
1972.....	173,000	1,320	211,060	7.30	15,407	29,129	54,692	85,821	958	295,839	254,277	20,948
1973.....	180,000	1,160	208,800	16.00	33,408	855	41,007	41,862	1,390	251,761	194,231	27,436
1974.....	190,000	1,150	218,500	17.00	37,145	22,958	34,562	57,520	1,444	277,674	228,518	18,846
1975.....	180,000	1,260	226,800	11.50	26,082	15,991	32,165	49,158	159	276,115	208,644	16,923
1976.....	166,000	1,180	195,940	15.50	30,387	18,900	45,571	67,471	1,016	264,427	223,254	18,687
1977.....	180,000	1,500	270,800	13.40	36,188	6,503	34,670	41,173	-----	-----	-----	-----

¹ Oregon only.

² Includes Merion.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964-62 in *Agricultural Statistics, 1972*, table 404.





Timothy seed												
Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dollars	Dollars	1,000 dollars	1,000 dollars
6,500	5,500	5,000	155	120	130	1,008	660	650	27.60	28.00	12.50	1,000
2,400	2,000	1,600	129	102	110	860	550	540	22.00	22.50	9.00	753
1,600	1,400	1,200	92	72	78	600	380	380	15.00	15.50	6.00	513
1,000	900	800	60	48	52	400	250	250	10.00	10.50	4.00	338
34,000	30,000	26,000	220	200	225	7,440	4,800	4,800	37.50	38.00	15.00	1,309
18,000	15,000	11,000	150	120	130	2,850	1,760	1,760	10.50	11.00	4.00	302
10,000	8,000	7,000	150	140	150	1,500	910	910	9.00	9.50	3.00	218
10,000	8,000	7,000	150	140	150	1,500	910	910	9.00	9.50	3.00	218
4,500	3,500	3,000	120	135	115	540	345	345	25.00	25.50	10.00	775
3,000	2,500	2,000	120	120	100	360	270	270	12.50	13.00	5.00	424
78,400	73,000	65,100	185	173	187	14,488	12,633	12,140	14.80	15.00	5.60	3,439
U.S.									27.60	50.60	2,060	6,132

See footnotes at end of table.

Table 415.—Field seeds, by kinds: Area, yield, production, and value, by States, 1975-77—Continued

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1975	1976	1977	1975	1976	1977	1975	1976	1977	1975	1976	1977	1975	1976	1977
<b>Orchardgrass seed</b>															
Ky.....	Area	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Mo.....	Area	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Oreg.....	Area	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Va.....	Area	2,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
U.S.....	Area	28,000	28,000	28,000	28,000	28,000	14,205	12,000	10,348	26.10	30.10	32.00	3,710	3,635	3,417
<b>Merion Kentucky bluegrass seed</b>															
Idaho.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Oreg.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Wash.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
U.S.....	Area	8,400	8,400	8,400	8,400	8,400	2,294	922	707	75.90	108.00	121.00	1,740	1,075	832
<b>Kentucky bluegrass seed other than Merion *</b>															
Idaho.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Oreg.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Wash.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Other States <sup>a</sup>	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
U.S.....	Area	8,400	8,400	8,400	8,400	8,400	2,294	922	707	75.90	108.00	121.00	1,740	1,075	832
<b>Chewings fescue seed</b>															
Idaho.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Oreg.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Wash.....	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
Other States <sup>a</sup>	Area	2,400	2,400	2,400	2,400	2,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
U.S.....	Area	8,400	8,400	8,400	8,400	8,400	2,294	922	707	75.90	108.00	121.00	1,740	1,075	832
<b>Red fescue seed</b>															
Oreg.....	Area	11,400	11,400	11,400	11,400	11,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000
U.S.....	Area	11,400	11,400	11,400	11,400	11,400	1,000	1,000	1,000	Dollars	Dollars	Dollars	1,000	1,000	1,000

Ques.	Acres	Lk.	Lk.	Lk.	Lk.	Lk.	Dollars	Dollars	Dollars	Dollars
14,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
13,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
12,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
11,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
10,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
9,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
8,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
7,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
6,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
5,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
4,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
3,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
2,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
1,000	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000
0	12,000	480	810	500	6,720	6,430	6,000	42.00	52.00	1,000

Tail (Alta & Ky, 31) <i>Taraxacum</i> seed											
Acres	Acres	LA	LA	LA	1,000 lb.	1,000 lb.	1,000 lb.	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
5,000	5,000	140	130	130	875	830	830	32.00	154	169	165
14,000	7,000	280	262	262	1,750	1,660	1,660	35.00	318	304	298
18,000	10,000	373	350	350	2,450	2,240	2,240	45.00	418	404	398
24,000	13,000	500	465	465	3,250	2,960	2,960	60.00	558	529	518
41,000	20,000	840	780	780	5,600	5,040	5,040	105.00	958	900	885
50,000	25,000	1,000	930	930	6,750	6,060	6,060	125.00	1,158	1,085	1,071
36,000	18,000	720	670	670	4,725	4,242	4,242	90.00	828	770	755
309,000	253,000	375	335	335	84,975	82,015	82,015	27.50	11,396	11,047	10,977
12,500	10,000	760	650	650	9,500	6,000	6,000	33.00	1,253	1,140	1,090
7,000	5,000	480	360	360	1,190	900	900	30.00	238	206	200
13,000	13,000	178	180	180	2,275	2,400	2,400	28.00	324	339	334
431,500	370,500	273	230	235	123,120	85,310	107,995	33.00	16,796	17,069	24,865

[illegible]

Harry vetch seed											
Acres		Acres		EA.	EA.	EA.	1,000 lb.	1,000 lb.	Dollars	Dollars	1,000 dollars
16,000	10,000	1,400	140	90	130	190	2,460	945	35.00	37.00	1,000
12,000	7,000	1,000	100	160	155	200	1,640	640	27.00	28.00	750
8,000	5,000	700	70	240	240	260	1,085	485	20.00	21.00	500
5,500	3,500	500	50	340	340	360	815	360	18.00	19.00	250
3,000	2,000	300	30	440	440	460	4,800	25.00	26.00	825	1,344
1,000	500	100	10	540	540	560	4,125	21.00	22.00	28.50	40
500	250	50	5	640	640	660	3,300	910	21.00	24.50	180
250	125	25	2	740	740	760	180	735	25.10	26.50	40
125	62	12	1	840	840	860	8,235	24.00	25.10	37.10	1,656
62	31	6	0	940	940	960	6,705	23.10	24.00	37.10	1,700
31	15	3	0	1,040	1,040	1,060	5,175	22.00	23.10	37.10	1,656
15	7	1	0	1,140	1,140	1,160	4,125	21.00	22.00	28.50	40
7	3	0	0	1,240	1,240	1,260	3,300	910	21.00	24.50	180
3	1	0	0	1,340	1,340	1,360	2,460	945	35.00	37.00	1,000
1	0	0	0	1,440	1,440	1,460	1,640	640	27.00	28.00	750
0	0	0	0	1,540	1,540	1,560	1,085	485	20.00	21.00	500
0	0	0	0	1,640	1,640	1,660	815	360	18.00	19.00	250
0	0	0	0	1,740	1,740	1,760	4,800	25.00	26.00	825	1,344
0	0	0	0	1,840	1,840	1,860	4,125	21.00	22.00	28.50	40
0	0	0	0	1,940	1,940	1,960	3,300	910	21.00	24.50	180
0	0	0	0	2,040	2,040	2,060	2,460	945	35.00	37.00	1,000
0	0	0	0	2,140	2,140	2,160	1,640	640	27.00	28.00	750
0	0	0	0	2,240	2,240	2,260	1,085	485	20.00	21.00	500
0	0	0	0	2,340	2,340	2,360	815	360	18.00	19.00	250
0	0	0	0	2,440	2,440	2,460	4,800	25.00	26.00	825	1,344
0	0	0	0	2,540	2,540	2,560	4,125	21.00	22.00	28.50	40
0	0	0	0	2,640	2,640	2,660	3,300	910	21.00	24.50	180
0	0	0	0	2,740	2,740	2,760	2,460	945	35.00	37.00	1,000
0	0	0	0	2,840	2,840	2,860	1,640	640	27.00	28.00	750
0	0	0	0	2,940	2,940	2,960	1,085	485	20.00	21.00	500
0	0	0	0	3,040	3,040	3,060	815	360	18.00	19.00	250
0	0	0	0	3,140	3,140	3,160	4,800	25.00	26.00	825	1,344
0	0	0	0	3,240	3,240	3,260	4,125	21.00	22.00		

[illegible]

- Includes Proprietary and Merit varieties.
- Estimates discontinued.
- Harvested area and yield not available.

\*Other States include Iowa, Kentucky, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 416.—Seeding rates: Quantity of seed used per acre for specified crops, by States

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Fruited	Sorghum	Rice	Broom, dry, edible	Peas, dry, field	Soybeans	Potatoes (Irish)	Sweet potatoes	Peanuts	Cotton
Ala.	Pounds 11.1	Bushels 2.1	Bushels 2.0	Bushels 1.3	Bushels 3.0	Bushels 2.4	Bushels 2.1	Bushels 18.7	Bushels 11.5	Pounds 14.5	Pounds 140	Pounds 23	Bushels 1.2	Cut. 14.5	Cut. 4.0	Pounds 140	Pounds 23
Ark.	18.2	2.0	2.0	1.3	2.0	2.4	2.1	11.5	9.6	15.0	150	21	1.1	15.0	3.0	140	21
Calif.	18.2	1.7	1.8	1.3	2.0	2.0	1.8	9.6	17.0	150	60	26	1.1	18.1	5.0	26	26
Conn.	16.6	.65			2.0	1.8	0.75	6.4			34			21.2			
Del.	11.9	1.9												15.7			
Fla.	10.5	1.8			2.9	2.1	1.8							15.7			
Ga.	11.3	2.0			2.2	2.2	2.1							22.7			
Ill.	17.0	1.2			3.2	2.2	2.1	16.5						19.0			
Ind.	17.0	1.2			2.5	1.8								16.8			
Iowa	14.3	1.6			2.7	2.0	1.6	9.2	10.2					10.8			
Kans.	12.8	.95			2.1	1.8	1.6	10.2	10.2					14.6			
Ky.	12.5	1.7			2.2	1.5	1.1	5.0	12.2					1.1			
La.	12.7	1.8			2.0	2.0	1.7	8.9						5.0			
Maine	17.0				3.1									23.0			
Mass.	12.5	2.0			2.5	2.1	1.8							14.0			
Mich.	13.5	2.1			2.5	2.0								19.4			
Minn.	13.5	1.6			2.8	1.9	1.6	0.84						18.8			
Miss.	10.6	2.1			2.8	2.0	1.8	11.2	8.3	150	46			9.0			
Mo.	12.6	1.8			2.4	2.0	1.8	8.3	150		60			5.0			
Mont.	17.7	.90			1.7	1.2	1.2	.45	5.7					15.0			
Neb.	12.9	1.1			2.6	1.7								18.5			
Nev.	18.0	1.8			2.7	2.2								20.0			
N.J.	14.0				2.7	2.2								17.0			
N.Y.	14.0	2.1			2.5	2.2	1.9							18.7			
N.C.	13.3	.65	.70		2.5	1.9								4.0			
N.Y.	16.8	2.3			2.5	2.2	2.0	8.8						31.4			
N.C.	12.8	1.7			2.7	2.1	1.6	12.5			68			21.4			
N.Dak.	10.5	1.0	1.5		2.0	1.6	1.2	.75						13.0			
Ohio	14.5	2.3			2.7	2.2	1.8				55			14.6			
Ore.	14.2	1.0			2.3	1.8	1.4							16.6			
Pack.	13.0	2.2			2.3	1.8	1.4	9.3						20.1			
Penn.	12.0	2.2			2.1	2.2	1.9							18.0			
R.I.	16.8				2.6	2.2								15.1			
S.C.	12.4	1.8			2.9	2.1	1.8	18.0						18.0			
S.Dak.	9.3	1.1	1.4		2.6	1.9	1.2	.68						4.0			
Tenn.	11.0	1.8			2.4	2.0	1.8	16.7						5.0			
Tex.	13.1	.90			2.3	1.3	.95	.45						12.9			
Utah	20.1	1.3			2.3	2.0		6.7		116	14			21.1			
Vt.	17.5				2.7	2.0								19.0			

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. United States average is estimate of seedling weighted by 1977 area planted, by States.

1 Farmers stock (unshelled basis),

**Furry equivalent basis.**

Table 417.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1969-78

Kind of seed	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Price per 100 pounds										
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties.....	54.60	57.30	54.80	50.90	75.80	153.00	114.00	99.00	153.00	168.00
Alfalfa, certified varieties.....	62.30	65.80	64.20	62.50	83.20	167.00	140.00	116.00	177.00	194.00
Red clover.....	57.40	60.70	57.70	52.80	73.30	114.00	106.00	90.00	108.00	128.00
Alsike clover.....	37.20	37.10	37.90	37.70	39.90	59.50	67.50	63.00	89.50	67.00
Sweetclover.....	24.50	23.60	21.30	21.90	22.70	28.00	35.00	36.00	38.50	39.00
Ladino clover.....	128.00	131.00	140.00	137.00	143.00	220.00	250.00	210.00	220.00	220.00
Lespedeza, Korean.....	26.20	24.30	22.70	26.40	46.10	98.00	59.50	48.00	62.50	74.00
Lespedeza, Striate, Kobe.....	31.90	30.20	27.20	29.00	47.40	70.00	69.00	73.00	93.50	107.00
Lespedeza, Sericea.....	53.30	37.30	41.50	44.70	99.10	127.00	76.00	91.00	226.00	301.00
Timothy.....	24.50	24.00	24.00	24.00	46.10	65.00	51.00	37.00	60.00	124.00
Orchardgrass.....	40.60	41.70	42.50	38.90	46.10	65.50	63.00	53.00	62.00	70.00
Kentucky bluegrass.....	50.40	60.90	66.90	65.20	70.90	162.00	107.00	92.00	147.00	165.00
Ryegrass, annual.....	17.60	18.30	17.70	17.20	21.30	49.00	34.90	28.00	35.00	32.00
Tall fescue.....	28.50	32.00	26.00	24.50	39.20	43.50	35.00	32.50	47.50	62.00
Sudangrass.....	13.40	15.80	16.00	19.80	21.90	24.50	27.30	28.00	34.50	32.00
Potatoes <sup>1</sup> .....	3.60	3.81	3.44	3.13	4.92	8.05	5.30	7.40	5.93	5.00
Peanuts.....	35.50	40.20	37.20	37.10	38.30	46.00	45.50	43.50	52.00	53.00
Cottonseed.....	16.10	15.70	17.20	17.40	18.30	25.30	33.60	28.50	30.30	31.00
Grain sorghums, hybrid.....	19.50	20.80	21.90	23.30	24.60	28.50	36.50	37.50	41.00	43.00
Forage sorghums.....	12.40	13.00	15.20	19.70	20.70	21.00	23.50	21.50	27.50	22.50
Price per bushel										
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn, hybrid.....	13.70	15.70	18.80	21.50	22.20	25.00	36.50	36.50	40.00	43.00
Wheat (spring).....	2.39	2.38	2.46	2.63	3.20	8.40	7.70	6.50	5.20	5.10
Oats (spring).....	1.64	1.67	1.63	1.69	2.08	3.05	3.65	3.40	3.70	3.10
Barley (spring).....	1.83	1.86	1.90	1.99	2.35	4.10	5.50	5.10	4.60	4.10
Soybeans for seed.....	4.16	4.02	4.87	5.21	8.75	9.50	10.50	7.40	13.00	11.50
Flaxseed.....	4.22	4.43	4.07	3.79	6.35	16.50	13.00	10.50	11.00	7.00

<sup>1</sup> Season average price.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 418.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1969-77

Kind of seed	1969	1970	1971	1972	1973	1974	1975	1976	1977
Price per 100 pounds									
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties.....	54.20	58.50	54.40	54.80	105.00	151.00	107.00	122.00	158.00
Alfalfa, certified varieties.....	62.00	65.80	62.60	64.50	119.00	166.00	132.00	145.00	182.00
Red clover.....	57.40	59.90	56.10	55.00	80.50	112.00	100.00	100.00	110.00
Alsike clover.....	37.90	38.00	37.80	37.50	44.50	62.00	64.50	71.00	88.00
Ladino clover.....	118.00	123.00	143.00	136.00	165.00	225.00	250.00	210.00	220.00
Crimson clover.....	35.50	25.70	29.40	34.20	59.50	91.00	99.00	73.00	89.00
Timothy.....	22.70	22.50	24.30	28.90	55.00	60.00	43.00	49.00	75.00
Orchardgrass.....	38.90	41.30	41.80	42.00	57.50	66.00	59.00	58.00	62.00
Kentucky bluegrass.....	58.90	61.00	66.90	66.70	145.00	143.00	86.90	107.00	145.00
Tall fescue.....	29.30	24.90	23.40	27.50	40.00	40.00	24.00	40.00	50.00
Ryegrass, annual.....	14.10	13.30	16.80	15.90	39.50	41.00	28.50	31.00	29.00
Ryegrass, perennial.....	25.00	25.50	26.20	28.30	77.00	84.00	43.00	46.00	56.00
Hairy vetch.....	25.40	24.00	22.20	21.90	25.50	37.00	37.00	48.00	49.00
Price per bushel									
<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Wheat (winter).....	2.38	2.55	2.67	2.97	7.20	7.50	6.10	6.00	4.40
Oats (winter).....	1.67	1.83	2.02	2.27	3.50	3.95	4.75	3.75	3.60
Barley (winter).....	2.16	2.27	2.50	2.88	4.80	5.30	5.45	4.95	4.30
Rye.....	2.57	2.60	2.73	2.78	4.90	5.90	5.90	6.00	5.20

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 419.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1974-77

1978	Kind of seed	Year beginning July				Kind of seed	Year beginning July			
		1974	1975	1976	1977 <sup>1</sup>		1974	1975	1976	1977 <sup>1</sup>
		100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Dollars	Asparagus.....					Kale.....				15
188.00	Bean.....		13			Kohlrabi.....	55	32	17	28
194.00	Asparagus.....	55	59	105	68	Leek.....	94	28	43	24
128.00	Garden.....	15,828	1,540	4,888	482	Lettuce <sup>2</sup> .....	2,018	4,196	2,180	1,037
67.00	Lima.....	7	118	6	1	Muskmelon.....	239	455	375	248
29.00	Runner.....	827	141	256	6	Mustard, India <sup>1</sup> .....	2	14	12	5
220.00	Beet.....	142	84	367	43	Mustard, Spinach.....	11	11	1	
74.00	Broadbean.....	638	85	32	14	Okra.....			22	231
107.00	Broccoli.....	458	449	137	35	Onion.....	2,118	2,844	2,814	1,612
301.00	Brussels sprouts.....	62	63	32	24	Pak-choi.....	8	13	14	11
124.00	Burdock.....	12	10	13	5	Parsley <sup>2</sup> .....	800	281	236	77
70.00	Cabbage.....	130	82	114	91	Parsnip.....	6	7	1	
165.00	Cardoon.....		10	3	3	Poa, garden <sup>2</sup> .....	12,277	2,088	40,102	11,117
32.00	Carrot.....	897	453	1,099	197	Pepper <sup>2</sup> .....	378	381	584	320
63.00	Cauliflower.....	30	182	77	363	Pumpkin <sup>2</sup> .....		1,300	13	1
5.00	Celery.....	5	4	1	1	Radish.....	294	590	242	250
53.00	Celery <sup>2</sup> .....	226	226	7	2	Rhubarb.....	4			
31.00	Chard, Swiss.....	82	119	49	10	Rutabaga.....	3	3	1	2
43.00	Chicory.....	19	24	4	1	Salsify.....	19	267	167	130
22.50	Chinese cabbage.....	32	28	32	24	Sorrel.....	14	9	2	
	Chives.....	33	24	7	5	Soybean <sup>2</sup> .....	12	82	212	72
	Corn, sweet.....	101	165	125	89	Spinach.....	367	214	296	589
	Cornmeal.....	3	1		1	Spinach, New Zealand.....	94	186	133	80
Dollars	Cress.....					Squash.....	163	67	234	32
43.00	Garden.....	336	50	10	16	Tomato.....	3,735	7,150	4,549	2,372
182.00	Upland.....	13		1		Tomato, bush.....	1	12	4	
110.00	Water.....	5	2	3		Turnip.....	349	45	73	30
88.00	Cucumber.....	867	1,461	837	480	Watermelon <sup>2</sup> .....	163	81	64	46
220.00	Dandelion.....	1	2	2						
59.00	Eggplant.....	329	140	338	141	Total.....	43,934	25,875	60,990	20,324
75.00	Endive.....	10		18	1					
62.00										
145.00										
50.00										
28.00										
56.00										
49.00										

<sup>1</sup> Includes July 1977 through March 1978.<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 420.—Vegetable seeds: Area, production, and stocks held by dealers on June 30, United States, 1975-77

Kind of seed	Area harvested			Production			Stocks		
	1975	1976	1977	1975	1976	1977	1975	1976	1977 <sup>1</sup>
<b>Bean:</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bush green.....	37,267	13,844	28,100	59,961	30,106	45,901	22,570	46,162	29,131
Bush wax.....	4,132	1,915	3,008	5,942	2,679	4,247	1,341	4,061	2,389
Pole (green and wax).....	2,962	2,271	3,566	5,041	3,009	5,044	577	2,673	2,820
Bush lima.....	6,626	3,689	5,148	13,777	7,652	10,261	3,876	6,236	5,248
Pole lima.....	279	286	565	691	430	568	230	490	482
Beet, garden.....	1,656	1,394	1,123	2,686	1,811	1,480	336	1,712	2,061
Broccoli.....	305	174	194	161	65	83	112	184	209
Cabbage.....	1,344	1,242	930	933	772	719	364	581	689
Carrot.....	4,814	4,580	1,639	2,911	3,056	910	482	1,633	2,676
Cauliflower.....	422	409	392	306	156	162	63	133	119
Celery.....	54	60	49	39	46	19	36	72	97
Chard, Swiss.....	181	157	125	267	183	192	25	205	320
<b>Corn:</b>									
Sweet, hybrids.....	17,309	11,296	8,831	29,270	30,276	14,636	4,490	13,924	14,634
Sweet, open-pollinated.....	576	496	305	1,221	1,116	416	328	723	961
Nonsweet.....	280	281	213	625	608	536	195	350	433
Cucumber.....	6,895	2,542	3,050	2,993	1,163	1,309	967	2,535	1,002
Eggplant.....	145	93	5	39	12	1	26	36	44
Endive.....	148	155	80	138	93	28	33	148	136
Kale.....	456	492	635	492	543	612	180	441	662
Kohlrabi.....	39	76	107	14	49	82	6	8	24
Leek.....	14	10	14	8	4	7	16	13	12
<b>Lettuce:</b>									
Heading.....	1,968	876	1,427	734	260	610	486	626	616
Loose-leaf.....	915	830	663	297	241	270	86	184	196
Romaine.....	143	72	154	47	20	61	58	73	60
Muskmelon.....	3,130	2,039	2,056	908	649	633	549	728	703
Watermelon.....	18,197	8,635	8,832	3,175	2,182	2,232	700	1,332	1,372
Mustard.....	605	248	181	787	284	213	787	1,034	959
Okra.....	562	158	214	800	178	277	869	1,200	700
Onion.....	3,646	4,215	4,403	1,011	1,275	1,468	322	596	1,141
Parsley.....	117	433	302	53	280	192	130	119	172
Parsnip.....	92	111	80	74	66	36	38	48	74
Peas.....	91,130	65,366	61,206	167,491	130,146	94,993	37,431	67,456	72,168
Pepper.....	3,404	1,827	1,090	466	239	139	232	453	360
Pumpkin.....	436	169	143	220	93	74	169	300	286
Radish.....	3,438	2,580	1,694	3,164	2,690	1,470	937	2,046	2,993
Salad.....	10	10	10	2	3	3	2	8	8
Spinach.....	1,244	844	1,403	1,325	1,075	2,592	1,664	1,534	796
<b>Squash:</b>									
Summer.....	2,790	1,702	1,222	1,596	1,100	778	520	1,296	1,272
Winter.....	1,430	909	422	504	321	192	134	384	468
Tomato.....	6,386	3,900	3,891	909	480	466	443	847	978
Turnip.....	1,562	1,617	193	2,621	1,772	196	589	1,900	3,151
Rutabaga.....	181	55	10	322	132	8	58	243	355

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from reports of commercial vegetable seed growers and handlers.

Table 421.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1974-77

	Kind of seed	Year beginning July				Kind of seed	Year beginning July			
		1974	1975	1976	1977 <sup>1</sup>		1974	1975	1976	1977 <sup>1</sup>
1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
29,131	Alfalfa.....	229	111	160	567	Lovegrass, weeping.....	173	197	33	2
2,359	Barley <sup>2</sup> .....	742	272	793	620	Meadow, foxtail.....	10	72	11	2
2,820	Barreldoer.....	9	1	40	11	Millet, Japanese.....	101	100		
5,246	Bean, velvet.....	7				Mixtures:				
482	Beet:					Grasses.....	32	22	22	
2,061	Field.....	15	16	2		Legumes.....	5,191	4,567	4,593	3,041
300	Sugar.....	156	496	400	13	Mustard, India <sup>2</sup> .....	8		148	7
889	Bestgrass:					Mustard, white <sup>2</sup> .....	237	118	342	173
2,678	Colonial.....	10	57	42	4	Oat <sup>2</sup> .....	184	765	1,802	484
119	Cresping.....	31	3	11	3	Panicgrass, green.....	14	48	46	8
97	Bermudagrass.....			1		Pea, field <sup>2</sup> .....	490	406	805	542
320	Bluegrass:					Peanut.....	3			
	Canada.....	4				Rape, annual <sup>2</sup> .....	4		72	10
14,534	Kentucky.....	156	385	799	60	Redtop.....	5	9		13
991	Rough.....	717	22	826	322	Rye <sup>2</sup> .....	16	123	143	3
433	Brome, smooth.....	139	224	209	8	Ryegrass:				
1,902	Buckwheat <sup>2</sup> .....	160	210	139	74	Annual.....	211	43	190	362
44	Chickpea.....	143				Perennial.....	1,434	116	826	720
136	Clover:					Wimmera.....		44	22	55
662	Alaska.....	3,362	3,638	2,980	4,062	Safflower.....		16		
34	Barnum.....	33		4		Sainfoin.....		1		
12	Crimson.....	1	200	2	3	Sorghum <sup>2</sup> .....	2,234	240	481	
616	Ladino.....	12	3	180	10	Soybean <sup>2</sup> .....	199	26	119	
108	Red.....	5,451	5,041	3,373	3,186	Sudangrass.....	7			
60	Rose.....	17	30	17	18	Sunflower <sup>2</sup> .....	1,577	861	113	66
703	Small hop (mocking).....	2		6	8	Sweetclover, yellow and white (mixed).....	63	211	234	383
1,372	Strawberry.....			88	26	Sweetclover:				
859	Subterranean.....	188	238	294	642	White.....	35	198	171	75
700	White.....	669	972	849	391	Yellow.....	6,964	6,104	7,170	6,931
1,141	Corn, field <sup>2</sup> .....	33,915	12,667	9,981	7,093	Timothy.....	709	552	790	1,358
172	Cowpea <sup>2</sup> .....	126	635	684	53	Trefoli:				
74	Crownvetch.....	4	8			Big.....	2			
72,168	Dogtail, crested.....	10				Birdfoot.....	555	812	868	837
360	Fescue:					Trifolium.....		15		
296	Chewings.....	43	9	13	13	Vetch, common.....			482	
283	Hard.....	97	4		89	Vetch, hairy <sup>2</sup> .....	111	110	3	2
8	Meadow.....	228	294	626	90	Wheat <sup>2</sup> .....	11,760	40,679	1,243	199
796	Red.....	10,549	13,369	22,369	15,744	Wheat, durum <sup>2</sup> .....	22	65	50	5
	Tall.....	10	4	6	4	Wheatgrass:				
	Flax <sup>2</sup> .....	6	35	1,477	14	Crested.....	789	1,146	526	492
1,372	Gram:					Intermediate.....	30		18	
468	Buffel.....	2		6	10	Pubescent.....	182	65	87	100
978	Canary <sup>2</sup> .....	91	39	40	80	Slender.....	47	79	91	327
3,151	Canarygrass, reed.....	4	2	1		Streambank.....	5	13	80	32
355	Carpet.....	246	133	258	331	Tall.....	82		13	116
	Dallis.....	117	37	86	72	Wildrye, Russian.....	72	89	228	158
	Guinea.....	1	1	43	3	Total.....	91,087	97,255	69,185	50,530
	Harding.....	31	46	6	41					
	Japanese lawn.....	4	1							
	Orchard.....	83	145	1,227	377					
	Rhodes.....	11								

<sup>1</sup> Includes July 1977 through March 1978.<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 422.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1963-77 <sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre <sup>2</sup>	Production <sup>2</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>3</sup>	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	1,404	1,370	1,459	19,682	166	19,516	6.99	139,750
1964.....	1,442	1,388	1,252	17,375	178	17,197	7.87	131,616
1965.....	1,356	1,484	1,109	16,457	168	16,280	8.68	142,821
1966.....	1,321	1,486	1,343	19,964	166	19,798	7.17	143,162
1967.....	1,283	1,205	1,263	15,315	140	15,075	9.36	141,025
1968.....	1,473	1,424	1,224	17,435	165	17,270	8.18	143,697
1969.....	1,519	1,460	1,287	18,913	133	18,780	7.60	143,907
1970.....	1,503	1,469	1,235	17,399	140	17,259	9.21	160,332
1971.....	1,338	1,396	1,230	15,939	139	15,800	10.90	173,071
1972.....	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973.....	1,358.7	1,331.7	1,222	16,374	157	16,117	27.30	444,945
1974.....	1,587.4	1,515.8	1,341	20,329	163	20,166	19.80	402,341
1975.....	1,514.2	1,466.1	1,190	17,442	155	17,287	21.10	359,988
1976.....	1,541.8	1,499.3	1,186	17,786	154	17,632	15.50	276,291
1977 <sup>4</sup> .....	1,394.7	1,262.9	1,290	16,288	153	16,135	21.10	343,546

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Cleaned basis.<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Figures include principal producing States only. Data for 1959-63 in *Agricultural Statistics, 1972*, tables 415 and 418.Table 423.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1975-77 <sup>1</sup>

Class	1975	1976	1977 <sup>2</sup>	Class	1975	1976	1977 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy).....	4,140	4,846	4,951	Black turtle soup.....	212	157	119
Great northern.....	1,409	1,767	1,438	Large lima.....	408	522	523
Small white.....	237	329	330	Baby lima.....	416	378	460
Flat small white.....	2	6	9	Blackeye, California.....	499	607	785
Pinto.....	6,367	5,792	4,499	Garbanzo.....	119	46	63
Red kidney.....	1,477	1,377	1,354	Other.....	286	275	303
Pink.....	1,154	990	753				
Small red.....	494	437	305	Total.....	17,442	17,786	16,288
Cranberry.....	222	257	396				

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 424.—Beans, dry edible: Area, yield, and production, by States, 1975-77 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif.....	164.0	179.0	166.0	164.0	179.0	166.0	1,662	1,564	1,763	2,606	2,800	2,926
Colo.....	205.0	190.0	175.0	200.0	185.0	160.0	900	900	830	1,800	1,665	1,345
Idaho.....	143.0	161.0	134.0	141.0	169.0	132.0	1,830	1,670	1,640	2,580	2,635	2,165
Kans.....	13.0	13.0	13.0	13.0	12.5	12.5	1,170	1,200	1,300	152	150	162
Mich.....	540.0	590.0	530.0	520.0	545.0	480.0	900	1,000	1,150	4,732	5,450	5,520
Minn.....	53.0	45.0	33.0	48.0	42.0	30.0	800	867	1,320	384	364	396
Mont.....	12.0	9.0	6.7	11.0	9.0	6.5	1,600	1,700	1,600	176	183	104
Nebr.....	126.0	126.0	105.0	120.0	120.0	100.0	1,600	1,650	1,550	1,920	1,980	1,550
N.Y.....	49.0	41.0	42.0	47.0	37.0	32.0	1,130	1,070	1,100	531	396	352
N. Dak.....	127.0	144.0	115.0	122.0	139.0	105.0	970	800	1,050	1,163	1,112	1,103
Utah.....	17.0	15.0	5.0	17.0	15.0	1.0	420	390	200	71	81	2
Wash.....	37.0	27.0	20.0	36.0	26.0	19.0	1,950	1,750	1,750	702	435	333
Wyo.....	26.0	26.0	24.0	25.0	25.0	23.0	1,700	1,500	1,650	425	450	390
Other States <sup>3</sup>	12.2	7.5	6.0	12.1	7.8	5.9	1,488	1,346	847	180	105	50
U.S.....	1,514.2	1,541.5	1,394.7	1,466.1	1,490.3	1,262.9	1,190	1,186	1,290	17,442	17,786	16,288

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

<sup>3</sup> Illinois and Indiana.

Economies, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 425.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1977 (preliminary)<sup>1</sup>

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Calif.....	2,928	35	2,891	27.90	81,635	80,659
Colo.....	1,245	26	1,219	22.00	27,390	26,818
Idaho.....	2,165	0	2,165	20.50	44,383	44,383
Kans.....	162	0	162	22.50	3,645	3,645
Mich.....	5,520	88	5,432	18.00	99,360	97,776
Minn.....	398	0	396	16.50	6,534	6,534
Mont.....	104	1	103	23.00	2,392	2,390
Neb.....	1,550	0	1,550	21.10	32,705	32,705
N.Y.....	352	3	349	22.20	7,814	7,748
N. Dak.....	1,103	0	1,103	18.80	20,736	20,736
Utah.....	2	0	2	22.90	46	46
Wash.....	333	0	333	22.90	7,626	7,626
Wyo.....	380	0	380	21.50	8,170	8,170
Other States <sup>2</sup> .....	50	0	50	22.20	1,110	1,110
U.S.....	16,288	153	16,135	21.10	343,546	340,325

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Illinois and Indiana.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 426.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1963-77

Year beginning September	New York City <sup>1</sup>		F.o.b. California points				F.o.b. Idaho points: Great northern, U.S. No. 1 <sup>2</sup>	F.o.b. Colorado points: Pinto, U.S. No. 1 <sup>2</sup>
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small white		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	8.03	13.56	6.50	11.49	12.36	9.44	7.43	6.91
1964.....	8.22	15.33	7.28	13.32	10.72	10.95	7.89	10.73
1965.....	10.28	16.38	12.65	14.14	12.18	12.15	9.59	8.98
1966.....	8.03	24.37	11.11	23.33	9.48	9.43	7.47	7.47
1967.....	10.69	22.85	14.89	19.45	13.72	13.17	8.50	9.54
1968.....	10.62	18.11	7.81	14.46	23.26	11.85	8.62	7.83
1969.....	9.65	15.46	7.99	12.15	11.25	10.07	8.02	10.69
1970.....	14.00	16.07	8.86	13.51	19.63	13.83	10.35	9.24
1971.....	16.65	21.55	10.88	19.40	14.17	17.36	11.77	11.59
1972.....	12.84	31.95	17.40	29.51	26.18	19.74	16.81	10.96
1973.....	46.90	42.83	32.50	39.18	41.76	45.76	34.79	39.37
1974.....	21.77	31.96	16.00	24.64	27.85	18.08	20.93	32.45
1975.....	22.50	37.50	17.09	32.70	23.80	24.39	23.61	17.09
1976.....	45.96	20.83	37.34	21.36	21.88	17.80	14.74	14.74
1977.....	46.39	21.03	35.49	35.69	27.31	24.84	25.96	25.96

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.<sup>2</sup> Prices include brokerage, cleaning, and handling charges.Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review). Data for 1949-62 in *Agricultural Statistics, 1978*, table 421.

# DRY EDIBLE BEANS

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Table 427.—Beans, dry edible:<sup>1</sup> Area, yield, and production in specified countries, 1975-77

Continent and country	Area			Yield per hectare			Production		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 hectares	1,000 hectares	1,000 hectares	Tons	Tons	Tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	66	67	70	1.3	1.3	0.6	90	91	40
Costa Rica.....	36	35	35	.4	.5	.4	16	18	15
Dominican Republic.....	42	45	47	.8	.8	.8	36	40	38
El Salvador.....	56	51	60	.7	.7	.6	40	40	37
Guatemala.....	158	148	126	.5	.5	.7	86	78	84
Honduras.....	80	90	.....	.5	.5	.....	43	45	.....
Mexico.....	1,880	1,830	1,885	.5	.5	.6	1,027	1,080	1,156
Nicaragua.....	67	68	62	.9	.7	.7	59	47	43
Panama.....	16	17	17	.2	.2	.2	4	4	4
United States.....	593	601	511	1.3	1.3	1.4	791	807	738
<b>Total.....</b>	<b>2,944</b>	<b>2,904</b>	<b>2,793</b>	<b>.7</b>	<b>.8</b>	<b>.7</b>	<b>2,171</b>	<b>2,245</b>	<b>2,140</b>
<b>South America:</b>									
Argentina <sup>2</sup> .....	137	250	250	.8	.7	.7	109	171	180
Brazil.....	4,136	4,047	4,544	.5	.4	.5	2,371	1,842	2,327
Chile <sup>3</sup> .....	68	97	90	1.0	1.1	1.0	74	112	96
Colombia.....	96	98	193	.6	.6	.7	62	64	69
Peru.....	87	87	51	.6	.6	.7	56	58	38
Venezuela.....	89	79	108	.4	.5	.6	37	41	65
<b>Total.....</b>	<b>4,583</b>	<b>4,628</b>	<b>5,166</b>	<b>.6</b>	<b>.5</b>	<b>.5</b>	<b>2,595</b>	<b>2,366</b>	<b>2,770</b>
<b>Europe:</b>									
Belgium and Luxembourg.....	1	1	1	4.0	2.6	2.0	4	2	2
France.....	25	23	24	1.2	.8	1.6	29	18	35
Greece <sup>4</sup> .....	39	37	37	1.1	1.2	1.1	42	43	42
Italy.....	71	72	73	1.5	1.5	1.6	106	110	120
Netherlands.....	6	5	4	2.3	1.2	2.5	14	6	10
Portugal.....	302	280	258	.1	.1	.1	39	29	31
Spain.....	75	73	68	1.4	1.3	.9	108	99	67
Sweden.....	1	1	1	1.0	2.6	2.6	1	2	2
Yugoslavia <sup>5</sup> .....	373	373	373	.4	.4	.5	167	140	173
<b>Total.....</b>	<b>893</b>	<b>865</b>	<b>841</b>	<b>.6</b>	<b>.5</b>	<b>.6</b>	<b>510</b>	<b>449</b>	<b>485</b>
<b>Asia:</b>									
Iran.....	90	82	85	1.0	1.1	1.1	94	90	95
Japan.....	44	47	44	1.5	1.5	1.9	67	83	85
Turkey.....	94	102	103	1.6	1.5	1.5	155	159	160
<b>Total.....</b>	<b>228</b>	<b>231</b>	<b>232</b>	<b>1.3</b>	<b>1.4</b>	<b>1.5</b>	<b>316</b>	<b>332</b>	<b>340</b>
<b>Africa:</b>									
Angola.....	120	120	120	.6	.6	.6	70	70	70
Madagascar.....	68	71	.....	.8	1.0	.....	58	73	.....
South Africa.....	70	68	70	.8	.8	.9	58	54	68
<b>Total.....</b>	<b>258</b>	<b>259</b>	<b>190</b>	<b>.7</b>	<b>.8</b>	<b>.7</b>	<b>186</b>	<b>197</b>	<b>138</b>
<b>Grand total.....</b>	<b>8,906</b>	<b>8,887</b>	<b>9,222</b>	<b>.6</b>	<b>.6</b>	<b>.6</b>	<b>5,778</b>	<b>5,489</b>	<b>5,882</b>

<sup>1</sup> Includes generally all beans of the species *Phaseolus vulgaris* (haricot or kidney-shaped beans) and *Phaseolus lunatus* (lima beans).

<sup>2</sup> Harvested immediately preceding the harvest in Northern Hemisphere.

<sup>3</sup> Yields are computed from data for beans grown alone.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

alue, by

Sales

1,000

dollars

80,659

25,811

44,383

3,645

97,776

6,534

2,389

32,705

7,748

30,736

46

7,628

8,170

1,110

340,335

selected

F.o.b.

Colorado

points:

Pinto,

U.S. No. 1<sup>1</sup>

Dollars

6.91

19.72

8.98

7.47

9.54

7.83

10.69

9.34

11.59

10.96

39.37

32.45

17.69

14.74

25.96

o wholesale

New York

istics, 1978,



Table 428.—Beans, dry edible: United States exports to specified countries, 1975-77

Continent and country	1975	1976	1977	Continent and country	1975	1976	1977
<b>North America:</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>Europe—Continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	9,163	7,813	12,423	Italy.....	7,983	4,936	6,365
Dominican Republic.....	272	9,872	191	Netherlands.....	11,022	13,229	13,874
French West Indies.....	816	1,138	1,419	Spain.....	5,307	636	1,284
Mexico.....	8,119	9,726	6,008	United Kingdom.....	28,713	23,956	26,558
Panama.....	2,132	1,119	1,856	<b>Total.....</b>	<b>70,262</b>	<b>60,666</b>	<b>72,037</b>
Trinidad and Tobago.....	363	866	650	<b>Asia:</b>			
<b>Total.....</b>	<b>20,865</b>	<b>29,937</b>	<b>22,544</b>	Israel.....	1,769	168	1,503
<b>South America:</b>				Japan.....	17,009	10,034	28,904
Brazil.....		381	3,217	Philippines.....	882	788	1,304
Colombia.....	91	32	2,100	<b>Total.....</b>	<b>19,640</b>	<b>10,987</b>	<b>31,711</b>
Venezuela.....	4,899	3,504	12,875	<b>Oceania:</b>			
<b>Total.....</b>	<b>4,490</b>	<b>3,817</b>	<b>17,892</b>	Australia.....	5,171	2,157	1,587
<b>Europe:</b>				<b>Other countries.....</b>	<b>102,783</b>	<b>15,663</b>	<b>34,399</b>
Belgium and Luxembourg.....	1,724	1,215	2,730	<b>Grand total.....</b>	<b>223,210</b>	<b>123,227</b>	<b>180,400</b>
France.....	10,977	7,337	12,014				
Germany, Fed. Rep. of.....	4,536	9,387	9,012				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 429.—Beans, dry edible: United States exports by class and quantity, 1963-76

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Small red	Other colored	Seed	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1963.....	1,938	726	137	362	375	35	220	109	3,902
1964.....	1,550	348	143	173	296	14	349	70	2,941
1965.....	1,075	240	78	138	223		435	72	2,261
1966.....	2,044	650	143	194	167		441	65	3,654
1967.....	762	277	137	270	136		377	109	2,068
1968.....	1,156	331	439	202	64		439	106	2,737
1969.....	1,828	632	390	552	223		636	181	4,342
1970.....	1,331	354	360	411	180		484	152	3,372
1971.....	962	617	235	271	178		407	141	2,811
1972.....	1,849	899	211	558	111		668	183	4,279
1973.....	1,069	583	236	801	67		458	125	3,339
1974.....	1,618	808	217	1,468	217		752	135	5,115
1975.....	831	324	131	631	184		493	162	2,716
1976.....	788	911	280	765	265		880	138	3,977

<sup>1</sup> Marketing year beginning September.<sup>2</sup> Four months only; not separately classified, beginning January 1965.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 425.

Table 430.—Peas, wrinkled green seed: Production, by States, 1975-77

State	1975	1976	1977
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho.....	637	340	207
Wash.....	481	257	230
<b>Total.....</b>	<b>1,118</b>	<b>597</b>	<b>437</b>

<sup>1</sup> Includes Oregon for 1975.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 431.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1963-77<sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1963.....	335	315	1,552	4,889	125	4,764	4.26	20,523
1964 <sup>2</sup> .....	282	265	1,522	4,032	60	3,972	3.57	14,413
1965.....	182	174	1,742	3,031	51	2,980	4.21	12,757
1966.....	184	175	1,447	2,532	45	2,487	4.55	11,516
1967.....	185	176	1,456	2,563	53	2,510	4.42	11,318
1968.....	191	181	1,507	2,727	78	2,649	4.72	12,865
1969.....	242.0	232.0	1,610	3,738	95	3,641	4.81	16,101
1970.....	279.9	256.9	1,290	3,315	47	3,268	4.17	13,805
1971.....	213.7	202.7	1,939	3,930	48	3,882	5.47	15,632
1972.....	146.0	135.1	1,557	2,103	43	2,060	5.47	11,494
1973.....	146.6	136.4	1,221	1,665	21	1,644	17.80	29,672
1974.....	230.0	213.0	1,515	3,228	38	3,190	11.40	36,917
1975.....	196.5	188.5	1,449	2,731	21	2,710	7.83	21,376
1976.....	130.0	125.0	1,720	2,150	23	2,127	11.30	24,377
1977 <sup>3</sup> .....	173.0	167.0	613	1,023	16	1,007	15.00	15,355

<sup>1</sup> Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, nor Austrian winter peas.

<sup>2</sup> Prior to 1964, includes wrinkled seed peas.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1972*, tables 426 and 430.

Table 432.—Peas, dry edible: Area, yield, and production, by States, 1975-77<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
Idaho.....	72.0	80.0	68.0	69.0	48.0	67.0	1,390	1,720	840	959	826	563
Oreg. <sup>3</sup> .....	3.5			2.5			1,400			35		
Wash.....	121.0	80.0	105.0	117.0	77.0	100.0	1,485	1,720	480	1,737	1,324	460
U.S.....	196.5	130.0	173.0	188.5	125.0	167.0	1,449	1,720	613	2,731	2,150	1,023

<sup>1</sup> Excludes both wrinkled peas and Austrian winter peas.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued after 1975.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 433.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1975-77<sup>1</sup>

Class	1975	1976	1977 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.
Alaska and other smooth green kinds.....	2,345	1,775	810
White Canadas, First and Best, other smooth yellow and white kinds.....	486	375	213
Total.....	2,731	2,150	1,023

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 434.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1977 (preliminary) <sup>1</sup>

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Idaho.....	563	2	561	15.10	8,501	8,471
Wash.....	460	14	446	14.90	6,854	6,646
U.S.....	1,023	16	1,007	15.00	15,355	15,116

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 435.—Peas, dry edible: Area, yield, and production in specified countries, 1975–77

Continent and country	Area			Yield per hectare			Production		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 hectares	1,000 hectares	1,000 hectares	Tons	Tons	Tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	30	25	36	1.6	1.8	1.9	49	45	68
United States.....	76	51	68	1.6	1.9	4.1	123	98	278
Total.....	106	76	104	1.6	1.9	3.2	172	143	336
South America:									
Argentina.....	15	20	36	1.3	1.8	.8	19	36	30
Chile.....	8	16	17	.8	.9	.9	6	14	15
Colombia.....	55	53	54	.5	.5	.6	29	27	30
Venezuela.....	4	4	4	.3	.3	.5	1	1	2
Total.....	82	93	111	.7	.8	.7	55	78	77
Europe:									
Belgium and Luxembourg.....	2	2	1	5.0	2.5	4.0	10	5	4
France.....	20	17	17	3.7	1.8	3.5	73	31	60
Germany, Fed. Rep. of.....	3	2	—	2.3	2.5	—	7	5	—
Italy.....	4	4	—	1.3	1.3	—	5	5	—
Netherlands.....	6	5	4	3.7	3.2	3.3	22	16	13
Spain.....	11	9	9	.5	.7	.8	5	6	7
Sweden.....	4	5	—	1.8	1.4	—	7	7	—
United Kingdom.....	30	31	31	2.9	2.6	2.9	88	82	90
Total.....	80	75	62	2.7	2.1	2.8	217	157	174
Asia:									
India.....	727	727	680	.7	.7	.7	564	564	490
Japan.....	3	3	2	1.3	1.0	1.5	4	3	3
Turkey.....	1	3	—	4.0	1.3	—	4	4	—
Total.....	731	733	682	.8	.8	.7	572	571	493
Africa:									
Morocco.....	137	133	117	.7	.8	.3	99	112	33
Grand total.....	1,136	1,110	1,076	1.0	1.0	1.0	1,115	1,061	1,113

<sup>1</sup> Not included in total.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 436.—Peas, dry field: United States exports to specified countries, 1975-77

Continent and country	1975	1976	1977	Continent and country	1975	1976	1977
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Europe—Continued</b>			
Canada.....	6,033	6,075	4,896	Iceland.....	272	339	298
Mexico.....	998	538	706	Italy.....	3,296	2,040	1,561
Panama.....	454	236	447	Netherlands.....	2,540	770	812
Trinidad and Tobago.....	2,086	568	251	Norway.....	816	1,311	964
				Sweden.....	967	546	640
<b>Total.....</b>	<b>9,571</b>	<b>7,415</b>	<b>6,300</b>	Switzerland.....	136		
				United Kingdom.....	17,690	13,782	13,406
<b>South America:</b>				<b>Total.....</b>	<b>28,601</b>	<b>20,534</b>	<b>19,168</b>
Brazil.....	5,715	5,317	1,191				
Colombia.....	3,311	3,160	6,998	<b>Asia:</b>			
Peru.....	1,043	1,037	461	Hong Kong.....	726	929	567
Surinam.....	771	837	356	Israel.....	181	445	643
Venezuela.....	14,968	18,307	14,141	Japan.....	22,951	8,823	7,123
				Philippines.....	408	447	1,230
<b>Total.....</b>	<b>25,808</b>	<b>28,638</b>	<b>23,147</b>	<b>Total.....</b>	<b>24,268</b>	<b>10,644</b>	<b>9,563</b>
				<b>Other countries.....</b>	<b>2,408</b>	<b>23,622</b>	<b>23,697</b>
<b>Europe:</b>				<b>Grand total.....</b>	<b>90,854</b>	<b>90,873</b>	<b>81,878</b>
Belgium and Luxembourg.....	453	273	308				
Denmark.....	635	559	157				
Germany, Fed. Rep. of.....	2,086	1,045	938				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 437.—Peas, dry field: United States exports by class and quantity, 1963-76

Year <sup>1</sup>	All peas and lentils <sup>2</sup>	Seed	Cowpeas and garbanzos	Alaska and smooth green	Yellow, white peas, and lentils
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1963.....	2,423	214	53	1,158	998
1964.....	2,394	202	21	1,167	1,004
1965.....	2,503	257		1,068	1,268
1966.....	2,671	269		1,182	1,520
1967.....	2,653	253		1,061	1,339
1968.....	3,082	316		1,248	1,418
1969.....	3,917	280		1,636	1,992
1970.....	3,273	266		1,204	1,803
1971.....	3,614	281		1,166	2,167
1972.....	3,687	326		1,458	1,903
1973.....	3,650	322		1,425	1,902
1974.....	2,179	334		829	1,013
1975.....	3,301	353		1,049	1,919
1976.....	2,961	285		1,042	1,638

<sup>1</sup> Marketing year beginning August.

<sup>2</sup> Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.

<sup>3</sup> Five months only; not separately classified, beginning January 1965.

<sup>4</sup> Beginning January 1965, also includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-62 in *Agricultural Statistics, 1978*, table 434.

Table 438.—Hops: Area, yield, and production, by States, 1975-77

State	Area			Yield per acre			Production		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>1,2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif.....	1.5	1.5	1.5	1,700	1,660	1,630	2,550	2,490	2,445
Idaho.....	3.7	3.0	2.9	1,660	1,720	1,770	6,142	5,180	5,133
Oreg.....	5.6	5.4	5.5	1,700	1,660	1,660	9,520	8,964	9,295
Wash.....	21.3	21.0	20.6	1,770	1,960	1,840	37,701	41,160	37,904
<b>U.S.....</b>	<b>32.1</b>	<b>30.9</b>	<b>30.5</b>	<b>1,742</b>	<b>1,870</b>	<b>1,796</b>	<b>55,913</b>	<b>57,774</b>	<b>54,777</b>

<sup>1</sup> Preliminary.

<sup>2</sup> Total production. Quantities available for market will be governed by regulations issued under Federal Market Order 991. In 1976, includes 176,000 pounds lost by fire in Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 439.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1963-77

Year	Area in production	Yield per acre	Production <sup>1</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1 <sup>2</sup>
	1,000 acres	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds
1963.....	32.7	1,573	51,422	51,336	48.5	24,950	16,550
1964.....	32.6	1,637	53,378	53,081	47.2	25,179	19,100
1965.....	32.7	1,714	56,060	56,060	46.1	25,865	22,140
1966.....	32.2	1,726	55,568	55,290	46.2	25,654	24,710
1967.....	29.8	1,661	49,495	44,948	45.9	22,701	27,480
1968.....	28.4	1,540	43,733	42,775	47.3	20,659	26,700
1969.....	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970.....	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971.....	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972.....	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973.....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974.....	32.4	1,759	56,979	56,928	79.8	45,496	33,720
1975.....	32.1	1,743	55,913	55,737	83.0	46,419	42,170
1976.....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977 <sup>3</sup> .....	30.5	1,796	54,777	54,777	89.6	49,095	50,480

<sup>1</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 86 in 1963; 297 in 1964; 278 in 1966; 4,550 in 1967; 958 in 1968; 129 in 1972; 51 in 1974; and 176 in 1975.

<sup>2</sup> Stocks in dealers' hands and in brewers' hands are included, and these have greatly exceeded the growers' stocks.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, table 439.

Table 440.—Hops: Production, disposition, and value, by States, crop of 1977 (preliminary)

State	Production <sup>1</sup>	Sold	Season average price per pound	Value of—	
				Production	Sales
	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
Calif.....	2,445	2,445	93.9	2,296	2,296
Idaho.....	5,133	5,133	88.0	4,517	4,517
Oreg.....	9,295	9,295	105.0	9,760	9,760
Wash.....	37,904	37,904	85.8	32,522	32,522
Total.....	54,777	54,777	89.6	49,095	49,095

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 961.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 441.—Hops: United States exports by country of destination and imports by country of origin, 1974-76

Item and country	Year beginning September			Item and country	Year beginning September		
	1974	1975	1976		1974	1975	1976
<b>EXPORTS</b>				<b>EXPORTS—continued</b>			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium and Luxembourg.....	100	1	29	Cameroon.....	27	50	48
Czechoslovakia.....	85	847	248	Canada.....	1,820	1,453	1,387
Germany, Fed. Rep. of.....	46	75	695	Japan.....	318	581	392
Ireland.....	451	575	548	Malaysia.....	41	24	31
Italy.....	9	9	10	Nigeria.....	110	97	90
United Kingdom.....	15	62	223	South Africa.....	86	116	64
Other countries.....	3		3	Soviet Union.....	918	372	1,527
Total.....	709	1,269	1,759	Other countries.....	45	44	18
Latin America:				Total.....	3,065	2,407	3,547
Argentina.....	144	22	22	Grand total.....	6,614	5,668	7,815
Bolivia.....	61	54	65				
Brazil.....	1,307	1,039	1,423	<b>IMPORTS</b>			
Chile.....	70	44	22	Belgium and Luxembourg.....	33	34	9
Guatemala.....	35	27	53	Canada.....	25	31	6
Mexico.....	795	397	446	Czechoslovakia.....	109	201	308
Peru.....	390	197	244	France.....	301	218	182
Uruguay.....	22	19	30	Germany, Fed. Rep. of.....	4,122	3,721	3,162
Venezuela.....	88	50	100	Poland.....	200	218	
Other countries.....	53	82	40	United Kingdom.....			216
Total.....	2,775	1,931	2,445	Yugoslavia.....	1,632	1,214	810
Bermuda and Caribbean:				Other countries.....		6	23
Dominican Republic.....		34	15	Total.....	6,422	5,663	4,716
Jamaica.....		22	30				
Trinidad and Tobago.....		16	21				
Other countries.....		2	4				
Total.....		65	81				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 442.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1963-77<sup>1</sup>

Year	Area planted	Area harvested	Yield per acre <sup>2</sup>	Production <sup>3</sup>	Price per 100 pounds of ear corn <sup>2</sup>	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1963.....	111.9	107.6	2,482	267,040	2.33	6,229
1964.....	171.1	165.3	2,128	351,685	2.73	9,618
1965.....	214.4	205.3	2,525	518,447	2.95	15,293
1966.....	218.1	207.1	2,418	500,793	2.98	14,772
1967.....	182.5	161.9	2,667	434,942	3.01	13,071
1968.....	167.6	185.3	2,517	466,348	2.79	13,062
1969.....	192.0	182.6	2,996	547,115	2.54	13,870
1970.....	147.3	136.5	2,447	333,974	2.52	8,405
1971.....	178.9	173.7	3,246	563,850	3.25	18,321
1972.....	174.1	167.0	3,330	524,111	3.07	16,109
1973.....	154.3	148.8	3,303	491,418	3.75	18,436
1974.....	198.5	188.7	2,731	515,400	6.60	35,040
1975.....	232.2	224.2	2,420	542,668	9.28	50,156
1976.....	214.9	207.8	2,925	607,832	8.84	53,752
1977 <sup>3</sup> .....	188.3	182.3	2,688	499,030	8.67	35,460

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Shelled corn basis; prior to 1973, ear corn basis.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1929-62 in *Agricultural Statistics, 1978*, table 444.

## HAY, SEEDS, AND MINOR FIELD CROPS, 1978

Table 443.—Popcorn: Area, yield, and production, by States, 1975-77<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre <sup>2</sup>			Production <sup>3</sup>		
	1975	1976	1977 <sup>4</sup>	1975	1976	1977 <sup>4</sup>	1975	1976	1977 <sup>4</sup>	1975	1976	1977 <sup>4</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ill.	16.0	11.6	9.5	15.7	11.3	9.1	2,350	2,790	2,890	36,900	31,530	23,570
Ind.	42.0	46.0	43.0	40.0	45.0	42.0	2,500	3,050	2,880	100,000	137,250	108,360
Iowa	43.0	29.0	16.0	42.0	28.0	15.0	1,980	2,040	1,960	83,320	57,120	29,250
Kans.	16.3	13.6	10.3	15.0	13.5	10.1	3,000	2,750	2,550	48,000	37,125	25,700
Mich.	21.2	20.5	13.2	20.9	19.9	12.8	2,000	2,730	2,330	41,800	54,327	28,540
Mo.	2.7	5.5	2.0	3.6	4.6	1.9	2,020	2,900	3,700	7,270	13,340	7,030
Nebr.	50.0	53.0	43.0	44.5	48.0	4.7	1,850	2,450	1,700	26,830	27,360	7,990
Ohio	19.9	19.4	13.2	19.4	18.6	12.7	2,325	3,150	3,150	45,600	58,750	42,550
Other States <sup>4</sup>	5.3	6.3	3.2	5.1	6.1	3.0	2,185	2,854	2,277	11,048	17,290	6,830
U.S.	232.3	214.9	158.3	224.2	207.8	152.3	2,420	2,925	2,686	542,668	607,532	400,030

<sup>1</sup> In principal commercial producing States. <sup>2</sup> Preliminary. <sup>3</sup> Shelled corn basis. <sup>4</sup> Includes Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 444.—Popcorn: Production and value, by States, crop of 1977 (preliminary)

State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>	State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>
	1,000 pounds	Dollars	1,000 dollars		1,000 pounds	Dollars	1,000 dollars
Ill.	23,570	8.50	2,027	Mo.	7,990	8.80	697
Ind.	108,360	10.20	11,053	Nebr.	129,150	8.00	10,332
Iowa	29,250	8.30	2,428	Ohio	42,550	8.10	3,447
Kans.	25,780	8.00	2,061	Other States <sup>2</sup>	6,830	7.96	544
Ky.	28,540	8.00	2,283				
Mich.	7,030	8.50	598	U.S.	400,030	8.67	35,460

<sup>1</sup> Practically all production sold from farm. <sup>2</sup> Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 445.—Peppermint and spearmint for oil, commercial crop: Area, yield, production, value per pound, and total value, United States, 1963-77

Year	Peppermint					Spearmint				
	Area for harvest	Yield of oil per acre	Production of oil	Value <sup>1</sup>		Area for harvest	Yield of oil per acre	Production of oil	Value <sup>1</sup>	
				Per pound	Total				Per pound	Total
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1963.	43,400	55	2,387	4.74	11,305	12,400	57	707	3.06	2,166
1964.	45,800	56	2,552	4.64	11,936	9,500	51	489	3.68	1,799
1965.	43,700	61	2,667	5.46	14,575	10,400	55	570	4.99	2,847
1966.	58,300	56	3,291	5.56	18,300	16,600	63	1,050	5.73	6,012
1967.	64,800	71	4,599	5.55	25,518	21,100	77	1,632	5.50	8,971
1968.	74,600	55	4,137	5.17	21,387	24,300	58	1,414	5.70	8,060
1969.	80,400	59	4,780	4.83	22,948	33,300	59	1,980	5.12	10,134
1970.	78,400	64	5,007	3.68	18,438	32,600	65	2,126	4.64	9,875
1971.	64,700	58	3,746	4.10	15,377	30,900	65	2,008	4.18	8,403
1972.	57,100	53	3,024	5.25	15,765	24,600	61	1,511	5.14	7,796
1973.	58,700	54	3,173	7.89	25,035	25,000	54	1,351	8.22	11,104
1974.	61,000	54	3,302	13.80	45,698	26,400	55	1,463	10.70	15,666
1975.	68,100	55	3,753	12.60	47,120	28,000	64	1,778	10.40	18,461
1976.	72,200	51	3,700	14.80	54,702	30,000	58	1,688	12.30	20,778
1977 <sup>2</sup>	85,300	51	4,377	14.40	63,155	34,800	63	2,208	13.00	28,633

<sup>1</sup> F.o.b. basis. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1935-62 in *Agricultural Statistics, 1978*, table 445.



Table 446.—Peppermint and spearmint for oil, commercial crop: Area, yield, production, and value, by States, 1975-77

State	Area harvested			Yield per acre			Production			Value of production				
	Acres			Pounds			1,000 pounds			Per pound		Total		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1977 <sup>1</sup>
<b>Peppermint</b>														
Idaho.....	8,800	5,400	7,900	49	51	45	284	275	356	11.75	14.00	13.50	3,337	4,896
Ind.....	7,000	6,800	8,000	40	35	27	280	238	216	13.00	14.10	13.50	3,450	3,450
Oreg.....	40,000	42,000	51,000	56	55	55	2,240	2,310	2,808	13.00	14.10	14.10	30,240	40,112
Wash.....	8,800	9,200	11,700	52	58	53	458	534	623	13.00	14.10	14.10	7,156	10,744
W Va.....	6,800	8,800	7,300	37	39	33	252	343	238	11.50	15.50	16.00	2,898	3,831
U.S.....	68,100	72,200	85,300	55	51	51	3,753	3,700	4,377	12.50	14.80	14.40	47,120	63,155
<b>Spearmint</b>														
Idaho.....	3,100	3,700	5,500	45	47	30	140	174	273	15.00	15.00	14.50	2,100	3,580
Ind.....	5,700	5,500	5,500	37	34	34	211	187	185	13.50	16.90	16.90	2,722	2,722
Mch.....	3,700	3,500	3,300	33	28	24	122	98	79	12.10	13.10	13.10	1,495	2,272
Wash.....	13,400	13,700	17,900	91	82	90	1,219	1,123	1,602	9.10	11.50	11.50	11,154	19,064
W Va.....	2,100	2,000	2,400	41	40	37	86	104	89	17.50	17.50	17.40	1,504	1,549
U.S.....	28,000	29,000	34,800	64	53	63	1,778	1,686	2,206	10.40	12.30	13.00	18,461	28,833

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

# CHAPTER VII

## STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

The table with average prices of cattle (steers) in Argentina and Canada has been discontinued.

Table 447.—All cattle and calves: Number and value, Jan. 1, United States, 1963-78

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1963.....	104,488	142.00	14,820,708	1971.....	114,578	184.00	21,112,904
1964.....	107,903	127.00	13,687,672	1972.....	117,862	208.00	24,519,645
1965.....	109,000	113.00	12,359,756	1973.....	121,539	232.00	28,583,562
1966.....	108,862	133.00	14,442,853	1974.....	127,788	293.00	37,477,181
1967.....	108,783	149.00	16,211,900	1975.....	132,028	199.00	26,399,808
1968.....	109,371	148.00	16,240,874	1976.....	127,980	190.00	24,335,124
1969.....	110,015	158.00	17,389,737	1977.....	122,810	206.00	25,251,635
1970.....	112,369	179.00	20,160,430	1978 <sup>1</sup> .....	116,265	232.00	27,028,660

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1930-62 in *Agricultural Statistics, 1972*, table 447.

Table 448.—All cattle and calves: Number, by classes, United States, Jan. 1, 1965-78

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Under 500 pounds: steers, heifers, and bulls
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	109,000	33,400	15,380	5,700	4,780	5,980	14,050	2,180	27,752
1966.....	108,862	33,500	14,490	5,780	4,450	5,990	14,770	2,150	27,752
1967.....	108,783	33,770	13,725	5,900	4,215	6,100	14,780	2,155	28,138
1968.....	109,371	34,570	13,115	6,110	4,080	6,020	14,820	2,195	28,461
1969.....	110,015	35,490	12,550	6,180	3,990	5,930	14,905	2,220	28,780
1970.....	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971.....	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972.....	117,862	38,810	11,776	6,987	3,628	6,399	15,999	2,377	31,688
1973.....	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974.....	127,788	43,182	11,267	8,193	3,941	6,852	17,790	2,643	33,922
1975.....	132,028	45,712	11,220	8,884	4,087	6,518	18,333	2,985	36,291
1976.....	127,980	43,888	11,087	7,196	3,958	7,393	17,083	2,845	34,531
1977.....	122,810	41,389	11,035	6,529	3,888	8,057	16,885	2,665	32,363
1978 <sup>1</sup> .....	116,265	38,747	10,930	5,834	3,896	7,971	16,775	2,540	29,574

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 449.—All cattle and calves: Number and value, by States, Jan. 1, 1976-78

State	Number			Value					
				Value per head			Total value		
	1976	1977	1978 <sup>1</sup>	1976	1977	1978 <sup>1</sup>	1976	1977	1978 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	2,850	2,360	2,130	125	150	190	355,250	354,000	340,800
Alaska	8.8	8.0	8.3	380	400	400	3,344	3,200	3,320
Ariz.	1,280	1,065	1,135	195	215	240	249,600	228,975	272,400
Ark.	2,385	2,500	2,130	145	160	185	345,825	400,000	392,200
Calif.	5,000	4,750	4,430	240	245	285	1,200,000	1,163,750	1,262,550
Colo.	3,250	3,030	3,180	200	210	235	650,000	636,300	747,300
Conn.	110	110	108	325	365	385	35,750	40,150	41,580
Del.	33	32	31	285	290	325	9,405	9,280	10,075
Fla.	2,920	2,800	2,530	150	175	205	435,000	490,000	481,750
Ga.	2,370	2,300	1,975	140	160	190	331,800	368,000	355,800
Hawaii	245	240	234	260	250	250	63,700	60,000	58,500
Idaho	1,875	1,900	1,870	195	215	240	365,825	408,500	448,800
Ill.	3,400	3,200	2,950	205	210	235	697,000	672,000	693,250
Ind.	2,225	2,125	2,025	200	220	245	445,000	467,500	496,125
Iowa	7,500	7,650	7,800	195	210	235	1,462,500	1,606,500	1,833,000
Kans.	6,450	6,400	6,000	185	190	220	1,193,250	1,216,000	1,320,000
Ky.	3,450	3,300	3,120	165	165	210	569,250	543,500	655,200
La.	1,880	1,700	1,425	145	170	185	272,600	289,000	263,425
Maine	140	133	132	285	310	325	39,900	41,230	42,900
Md.	440	420	390	270	280	310	118,800	117,600	120,900
Mass.	107	104	99	345	380	415	36,915	39,520	41,085
Mich.	1,550	1,670	1,470	270	290	325	418,500	455,300	477,750
Minn.	4,430	4,000	3,700	215	235	280	952,450	940,000	1,036,000
Miss.	2,725	2,670	2,130	130	155	170	353,950	413,850	362,100
Mo.	6,600	6,400	6,000	170	185	210	1,122,000	1,184,000	1,260,000
Mont.	3,150	2,980	2,570	205	220	240	645,750	655,600	616,800
Nebr.	6,550	6,450	6,500	199	205	240	1,244,500	1,322,250	1,560,000
Nev.	651	600	570	215	200	220	139,965	120,000	125,400
N.H.	72	72	74	305	355	355	21,960	25,560	26,270
N.J.	110	114	114	340	375	370	37,400	42,750	42,180
N. Mex.	1,650	1,500	1,550	165	175	195	272,250	262,500	262,250
N.Y.	1,915	1,880	1,760	325	365	390	622,375	678,900	686,400
N.C.	1,170	1,080	1,100	160	175	185	187,200	189,000	203,500
N. Dak.	2,380	2,235	2,080	205	210	245	487,900	469,350	502,250
Ohio	2,305	2,230	2,025	225	240	270	518,625	540,000	546,750
Okl.	6,400	6,650	5,900	180	170	200	1,024,000	960,500	1,180,000
Oreg.	1,500	1,530	1,490	195	200	220	292,500	304,000	342,700
Pa.	1,990	1,990	1,900	310	335	350	607,600	656,000	665,000
R.I.	12	10	10	325	375	405	3,900	3,750	4,050
S.C.	725	750	690	180	190	175	108,750	120,000	120,750
S. Dak.	4,500	3,650	3,625	195	200	240	877,500	730,000	942,000
Tenn.	3,100	3,000	2,700	150	170	185	465,000	510,000	499,500
Tex.	15,600	15,800	14,500	155	170	185	2,418,000	2,686,000	2,682,500
Utah	827	880	964	200	210	230	165,400	184,800	196,720
Vt.	246	338	336	345	390	405	119,370	131,820	136,080
Va.	1,675	1,620	1,620	175	195	200	293,125	315,900	324,000
Wash.	1,375	1,350	1,275	215	230	260	295,825	310,500	331,500
W. Va.	555	549	550	165	175	185	91,575	96,075	101,750
Wis.	4,550	4,275	4,100	290	315	380	1,319,500	1,346,625	1,558,000
Wyo.	1,580	1,550	1,280	305	220	245	323,900	341,000	313,600
U.S.	127,980	122,810	116,265	190	206	232	24,335,124	25,251,635	27,028,660

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 450.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1977 and 1978

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.	1,063	1,015	87	85	162	138	21	17	71	49
Alaska	2.4	2.5	1.5	1.4	5	6	5	5	6	1
Aris.	319	297	68	68	45	40	10	10	37	42
Ark.	1,210	1,080	90	90	225	187	27	21	53	53
Calif.	991	966	809	846	210	190	315	310	164	159
Colo.	889	858	71	71	136	127	21	25	516	579
Conn.	7	9	53	51	2	2	20	18	2	3
Del.	5	5	12	12	1	1	3	3	1	1
Fla.	1,378	1,212	201	198	232	181	42	37	70	66
Ga.	961	839	129	129	164	128	39	44	85	85
Hawaii	85	80	13	13	15	17	7	8	22	19
Idaho	608	562	142	138	92	95	56	66	142	155
Ill.	800	740	234	233	115	127	80	89	429	395
Ind.	601	572	209	208	94	101	91	83	189	205
Iowa	1,903	1,800	392	380	199	187	137	164	1,071	1,170
Kans.	1,690	1,680	141	140	218	180	38	42	870	840
Ky.	1,337	1,283	280	277	201	180	99	97	122	125
La.	856	727	135	129	136	106	31	29	34	34
Maine	10	10	68	68	3	4	26	23	2	2
Md.	69	57	140	136	18	18	48	47	12	12
Mass.	9	8	53	51	2	2	17	16	1	1
Mich.	239	196	405	404	39	29	157	184	71	56
Minn.	640	550	880	850	120	93	400	329	320	302
Miss.	1,325	1,100	115	110	246	184	40	28	35	30
Mo.	2,615	2,418	310	282	381	360	102	96	277	270
Mont.	1,549	1,338	27	27	238	206	9	8	105	95
Nebr.	2,082	2,032	138	128	284	260	32	26	884	824
Nev.	298	285	14	15	47	44	6	7	14	15
N.H.	6	6	31	31	2	2	13	13	1	2
N.J.	15	14	47	47	6	6	13	13	3	3
N. Mex.	644	620	31	31	99	87	6	12	84	105
N.Y.	112	85	913	915	37	30	354	341	37	33
N.C.	398	414	147	147	82	83	39	38	38	36
N. Dak.	1,065	976	108	104	129	127	24	23	83	72
Ohio	512	455	398	398	92	79	154	158	86	108
Okl.	2,259	2,186	116	114	328	288	34	30	248	300
Oreg.	607	622	93	93	98	98	29	30	83	70
Pa.	196	199	706	703	51	45	221	237	69	67
R.I.	1	1	5	5	0	0	2	2	0	0
S.C.	334	306	56	56	59	53	14	14	15	13
S. Dak.	1,378	1,478	172	160	161	204	40	47	219	220
Tenn.	1,300	1,185	210	205	206	199	54	59	72	81
Tex.	6,482	6,236	318	314	1,000	900	90	90	1,020	920
Utah	335	321	79	76	53	44	39	41	44	40
Vt.	13	12	193	195	4	3	63	61	4	3
Va.	548	579	174	171	104	110	52	54	57	49
Wash.	358	364	181	176	97	64	68	64	101	82
W. Va.	240	243	38	37	60	59	13	12	14	13
Wis.	299	220	1,800	1,810	81	68	666	666	128	115
Wyo.	721	583	11	12	127	120	3	3	54	69
U.S.	41,389	38,747	11,035	10,930	6,529	5,834	3,888	3,896	8,057	7,971

See footnotes at end of table.

Table 450.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1977 and 1978—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls under 500 pounds	
	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.	179	151	71	68	656	607
Alaska	.3	.5	1.1	.9	1.7	1.8
Aris.	350	380	24	27	212	271
Ark.	105	88	75	70	715	531
Calif.	1,120	997	71	68	1,070	896
Colo.	712	766	49	51	636	703
Conn.	2	3	2	3	22	20
Del.	3	3	1	1	6	8
Fla.	148	134	90	82	639	447
Ga.	186	140	62	55	674	555
Hawaii	33	31	7	7	58	56
Idaho	295	320	40	40	325	494
Ill.	717	640	51	47	774	679
Ind.	340	369	34	34	367	453
Iowa	1,569	1,778	92	92	2,257	2,229
Kans.	1,824	1,676	83	82	1,536	1,380
Ky.	314	307	69	81	858	800
La.	54	44	56	47	398	319
Maine	3	4	3	2	28	29
Md.	41	37	10	9	82	74
Mass.	2	2	2	2	18	17
Mich.	251	244	28	28	380	329
Minn.	640	629	60	48	940	899
Miss.	101	65	80	67	728	548
Mo.	984	845	140	136	1,911	1,808
Mont.	157	141	90	82	775	673
Nebr.	1,250	1,417	110	110	1,670	1,703
Nev.	45	33	16	16	160	155
N.H.	2	3	1	1	16	16
N.J.	7	6	3	3	20	22
N. Mex.	165	172	45	43	426	480
N.Y.	47	39	28	28	332	269
N.C.	63	63	34	34	261	255
N. Dak.	168	123	86	81	592	574
Ohio	405	334	45	47	558	448
Okla.	855	1,100	113	134	1,687	1,748
Oreg.	165	145	38	40	410	395
Pa.	294	247	51	38	372	361
R.I.	0	0	0	0	2	2
S.C.	45	40	24	22	203	186
S. Dak.	347	471	66	75	1,267	1,270
Tenn.	219	172	60	59	870	770
Tex.	1,040	1,840	480	440	4,490	3,790
Utah	77	79	18	18	235	245
Vt.	3	3	5	5	53	54
W. Dak.	210	170	33	36	444	421
Wash.	217	268	27	23	304	234
W. Va.	47	46	18	18	119	122
Wis.	304	308	47	41	928	865
Wyo.	130	105	47	41	457	347
U.S.	16,685	16,775	2,665	2,540	32,363	29,674

<sup>1</sup> Preliminary.

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States,

her

1978<sup>1</sup>

Thousands

49

1

42

53

150

579

3

1

56

85

19

155

395

205

1,170

840

125

34

2

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302

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2

105

33

36

72

108

300

70

67

0

13

220

81

920

40

3

49

82

13

115

69

7,971

Table 451.—Cattle and buffalo: Number in specified countries, 1976-78<sup>1</sup>

Continent and country	1976	1977	1978 <sup>2</sup>	Continent and country	1976	1977	1978 <sup>3</sup>
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
<b>North America:</b>				<b>Europe—Con.</b>			
Canada.....	13,652	13,147	12,582	Bulgaria.....	1,725	1,700	1,725
Costa Rica.....	1,894	1,951	2,010	Czechoslovakia.....	4,555	4,554	4,728
Dominican Republic.....	1,950	2,000	2,100	German Dem. Rep.....	5,533	5,470	5,549
El Salvador.....	1,110	1,182	1,274	Hungary.....	1,904	1,888	1,944
Guatemala.....	2,148	2,270	2,417	Poland.....	12,762	12,045	12,360
Honduras.....	1,715	1,770	1,700	Romania.....	6,126	6,349	6,301
Mexico.....	28,800	28,900	28,900	Yugoslavia.....	5,755	5,641	5,684
Nicaragua.....	2,600	2,698	2,787				
Panama.....	1,361	1,373	1,388	<b>Total Eastern Europe...</b>	<b>38,359</b>	<b>37,537</b>	<b>38,331</b>
United States <sup>4</sup> .....	127,980	122,810	116,265	<b>Total Europe.....</b>	<b>131,243</b>	<b>130,469</b>	<b>131,748</b>
<b>Total.....</b>	<b>183,210</b>	<b>178,069</b>	<b>171,020</b>	<b>Soviet Union.....</b>	<b>111,034</b>	<b>110,300</b>	<b>112,800</b>
<b>South America:</b>				<b>Africa:</b>			
Argentina.....	57,900	57,700	56,750	<b>South Africa.....</b>	<b>12,774</b>	<b>13,146</b>	<b>13,800</b>
Brazil.....	94,000	97,000	99,500	<b>Total.....</b>	<b>12,774</b>	<b>13,146</b>	<b>13,800</b>
Chile.....	2,336	2,389	2,500				
Colombia.....	23,222	23,859	24,385	<b>Asia:</b>			
Ecuador.....	2,793	2,846	2,890	China, Rep. of.....	249	249	250
Peru.....	4,260	4,300	4,350	India.....	240,500	241,490	242,690
Uruguay.....	10,398	10,750	10,000	Iran.....	7,250	7,300	7,300
Venezuela.....	9,592	9,784	9,984	Israel.....	323	295	300
<b>Total.....</b>	<b>205,501</b>	<b>209,628</b>	<b>211,329</b>	Japan.....	3,723	3,875	3,940
<b>Europe:</b>				Korea, Rep. of.....	1,642	1,854	1,602
Belgium-Luxembourg.....	3,011	3,022	3,026	Philippines.....	4,462	4,450	4,462
Denmark.....	3,055	3,064	3,030	Turkey.....	14,802	15,158	15,300
France.....	23,641	23,334	23,800	<b>Total.....</b>	<b>272,951</b>	<b>274,371</b>	<b>275,844</b>
Germany, Fed. Rep. of.....	14,493	14,496	14,756				
Ireland.....	5,986	5,951	5,890	<b>Oceania:</b>			
Italy.....	8,529	8,813	9,000	Australia.....	33,434	31,545	29,500
Netherlands.....	4,006	4,526	4,500	New Zealand.....	9,777	9,472	9,250
United Kingdom.....	13,915	13,667	13,550	<b>Total.....</b>	<b>43,211</b>	<b>41,017</b>	<b>38,750</b>
<b>Total EC.....</b>	<b>77,216</b>	<b>76,875</b>	<b>77,652</b>	<b>Total selected countries.</b>	<b>950,924</b>	<b>957,000</b>	<b>954,691</b>
Austria.....	2,500	2,502	2,485				
Finland.....	1,702	1,661	1,600				
Greece.....	1,179	1,116	1,080				
Norway.....	901	944	955				
Portugal.....	1,110	1,140	1,150				
Spain.....	4,408	4,500	4,600				
Sweden.....	1,863	1,889	1,895				
Switzerland.....	2,005	2,005	2,000				
<b>Total Western Europe...</b>	<b>92,884</b>	<b>92,632</b>	<b>93,417</b>				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 455

<sup>1</sup> Calves born during the year.

<sup>2</sup> Excludes interfarm sales.

<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

<sup>4</sup> Beginning 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.

<sup>5</sup> Cattle and calves combined beginning 1967.

<sup>6</sup> Preliminary.

<sup>7</sup> Adjustments were made for cattle shipped in and changes in inventory.

<sup>8</sup> Receipts from marketings and sale of farm slaughter.

<sup>9</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

<sup>10</sup> Discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 457.

Table 452.—Calf crop: Cows and heifers that have calved and calves born, by States, 1976 and 1977

1978 <sup>1</sup>	State	Cows and heifers that have calved				Calves born	
		Jan. 1		July 1			
		1976	1977 <sup>2</sup>	1976	1977 <sup>2</sup>	1976	1977 <sup>2</sup>
		Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1,735	Ala.	1,400	1,180	1,300	1,236	1,050	1,020
4,758	Alaska	4.2	3.9			3.3	3.2
5,549	Arl.	380	357	420	365	315	285
1,944	Ark.	1,274	1,320	1,325	1,285	1,140	1,110
12,360	Calif.	1,820	1,800	1,789	1,711	1,610	1,500
6,301	Colo.	1,115	980	980	940	880	865
5,684	Conn.	60	60			53	51
38,531	Del.	18	17			15	15
131,748	Fla.	1,615	1,579	1,510	1,496	1,170	1,135
112,500	Ga.	1,166	1,090	1,080	990	910	850
19,500	Hawaii	103	98			74	74
13,800	Idaho	780	750			730	720
250	Ill.	1,086	1,034	1,037	1,042	950	910
242,090	Ind.	830	810	855	820	740	730
7,300	Iowa	2,323	2,295	2,272	2,200	2,180	2,140
300	Kans.	1,900	1,831	1,900	1,880	1,670	1,640
3,940	Ky.	1,650	1,617	1,609	1,561	1,450	1,400
1,402	La.	1,090	991	1,070	854	810	730
4,462	Maine	71	68			62	58
15,300	Mass.	217	200			185	180
275,944	Mich.	64	62			55	52
39,820	Minh.	615	644	645	606	595	570
9,250	Minn.	1,641	1,520	1,570	1,505	1,450	1,390
38,750	Miss.	1,434	1,440	1,460	1,345	1,230	1,150
954,691	Mo.	3,000	2,925	2,860	2,920	2,700	2,600
	Mont.	1,640	1,576	1,700	1,605	1,570	1,500
	Nev.	2,290	2,220	2,150	2,190	2,020	2,000
	N.H.	350	312			235	238
	N.J.	38	37			34	34
	N. Mex.	89	62			52	51
	N.Y.	675	675	675	651	590	565
	N.C.	1,046	1,025	1,020	1,000	945	930
	N. Dak.	610	545			490	500
	Ohio	1,299	1,173	1,286	1,235	1,190	1,130
	Okl.	890	910	900	880	780	790
	Oreg.	2,790	2,375	2,800	2,660	2,150	2,100
	Pa.	730	700	800	750	650	650
	R.I.	914	902	904	885	790	775
	S.C.	7	6			5	5
	S. Dak.	368	390			329	306
	Tenn.	2,061	1,550	1,900	1,672	1,800	1,670
	Tex.	1,550	1,510	1,513	1,325	1,235	1,230
	Utah	6,800	6,800	7,000	6,850	6,800	6,700
	Vt.	411	414			374	375
	Va.	208	206			183	184
	Wash.	805	720	797	775	635	690
	W. Va.	572	536	610	557	500	490
	Wis.	283	278			253	258
	Wyo.	2,162	2,099	2,157	2,055	2,065	2,010
		760	733	770	730	705	670
	24 States			51,244	49,527		
	16 Other States <sup>3</sup>			2,696	2,644		
	U.S.	54,974	52,494	53,940	52,171	47,440	46,057

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available for July 1.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 453.—Cattle and calves: Number on feed, by States, by quarters, 1977 and 1978<sup>1</sup>

State	1977				1978	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Aris.....	361	320	321	330	422	352
Calif.....	812	841	858	888	845	835
Colo.....	918	810	810	790	1,020	940
Idaho.....	248	195	202	183	249	242
Ill.....	620	800	480	480	680	610
Ind.....	290	265	200	205	315	285
Iowa.....	1,430	1,400	1,180	1,180	1,690	1,680
Kans.....	1,315	1,190	1,195	1,200	1,400	1,385
Mich.....	215	200	165	170	200	190
Minn.....	340	380	340	300	400	400
Mo.....	255	195	140	180	220	185
Mont.....	83	75	62	40	81	60
Nebr.....	1,480	1,450	1,200	1,260	1,700	1,700
N. Mex.....	163	182	140	149	206	191
N. Dak.....	38	80	27	23	33	28
Ohio.....	325	270	200	195	295	235
Okla.....	305	277	310	300	380	335
Oreg.....	88	80	82	80	98	76
Pa.....	92	83	63	66	98	82
S. Dak.....	370	275	240	280	365	260
Tex.....	1,710	1,480	1,530	1,570	1,850	1,810
Wash.....	176	160	165	166	172	173
Wis.....	130	122	106	98	130	122
23 States.....	11,948	10,619	9,765	9,793	12,799	11,716
Ala.....	44	.....	.....	.....	40	.....
Ark.....	24	.....	.....	.....	25	.....
Fla.....	73	.....	.....	.....	72	.....
Ga.....	84	.....	.....	.....	101	.....
Hawaii.....	15	.....	.....	.....	14	.....
Ky.....	40	.....	.....	.....	80	.....
La.....	18	.....	.....	.....	14	.....
Md.....	22	.....	.....	.....	21	.....
Minn.....	14	.....	.....	.....	12	.....
Nev.....	19	.....	.....	.....	12	.....
N. J.....	3	.....	.....	.....	4	.....
N. Y.....	10	.....	.....	.....	11	.....
N. C.....	50	.....	.....	.....	40	.....
S. C.....	30	.....	.....	.....	31	.....
Tenn.....	18	.....	.....	.....	20	.....
Utah.....	60	.....	.....	.....	62	.....
Va.....	45	.....	.....	.....	50	.....
W. Va.....	9	.....	.....	.....	10	.....
Wyo.....	55	.....	.....	.....	60	.....
Other States.....	2	.....	.....	.....	2	.....
U.S.....	12,580	.....	.....	.....	13,480	.....

<sup>1</sup> Cattle and calves on feed are animals being fattened for slaughter market on grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 454.—Cattle and calves: Number on feed, United States, Jan. 1, 1963-78<sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	Thousands		Thousands		Thousands		Thousands
1963.....	9,702	1967.....	11,268	1971.....	12,770	1975.....	10,170
1964.....	9,845	1968.....	11,417	1972.....	13,912	1976.....	12,941
1965.....	9,979	1969.....	12,534	1973.....	14,432	1977.....	12,580
1966.....	10,382	1970.....	13,190	1974.....	13,643	1978 <sup>2</sup> .....	13,480

<sup>1</sup> Animals being fattened for slaughter market on grain or other concentrates and expected to produce a carcass that will grade Good or better. For 1963-71, data shown are for 39 States—the 23 shown in table 453 plus Maryland, New York, Nevada, Utah, Wyoming, 11 southeastern States. From 1972 to date, data are for United States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1978*, table 454.

Table 455.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1963-77

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter <sup>4</sup>	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1963	42,368	1,560	2,489	37,863	11,918	16,182	842	371
1964	43,809	1,595	2,637	40,280	12,582	15,695	884	378
1965	43,928	1,641	2,607	43,482	12,063	17,464	828	368
1966	43,537	1,625	2,424	45,038	12,488	18,524	449	216
1967	43,803	1,533	2,512	44,781	12,385	18,597		
1968	44,315	1,527	2,485	45,860	12,742	19,509	568	
1969	45,177	1,532	2,591	45,559	12,508	19,942	486	
1970	45,871	1,583	2,714	46,926	12,036	20,059	482	
1971	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972	47,682	1,780	3,346	51,043	12,164	24,831	563	
1973	49,194	2,099	4,388	48,369	11,652	24,133	579	
1974	50,873	2,006	4,104	45,383	9,814	18,103	720	
1975	50,193	2,396	4,596	54,331	12,283	20,065	720	
1976	47,440	1,821	3,369	55,410	12,525	21,238	722	
1977 <sup>5</sup>	46,057	2,000	4,000	56,560	12,563	23,221	700	

  

Year	Quantity produced (live weight) <sup>7</sup>	Value of production <sup>7</sup>	Cash receipts from sales of cattle, calves, beef and veal <sup>8</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>9</sup>	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1963	32,776,777	6,592,159	8,113,174	163,912	8,277,086	2,440,412	19.90	24.00
1964	34,826,138	6,286,449	7,784,946	153,937	7,938,883	1,935,512	18.00	20.40
1965	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.90	22.00
1966	34,949,625	7,685,674	10,429,677	185,727	10,615,404	2,948,732	22.20	26.00
1967	36,122,064	8,125,910	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1968	36,530,247	8,622,297	11,262,932	185,363	11,447,325	3,125,355	23.40	27.60
1969	37,146,953	9,871,130	12,573,321	207,307	12,780,628	3,624,109	28.20	31.60
1970	39,421,123	10,915,510	13,691,776	242,920	13,934,666	( <sup>10</sup> )	27.10	34.50
1971	39,434,379	11,631,478	14,985,864	280,669	15,246,533		29.00	36.40
1972	41,225,193	14,106,979	18,236,654	342,486	18,579,140		32.50	44.70
1973	41,231,445	18,138,977	22,336,212	477,818	22,814,030		42.80	56.00
1974	42,760,575	14,905,532	17,843,774	505,841	18,349,615		35.60	35.20
1975	40,878,134	12,900,086	17,524,133	458,255	17,852,388		32.30	27.20
1976	41,365,299	13,815,232	19,301,613	501,633	19,803,246		33.70	34.20
1977 <sup>5</sup>	40,895,458	14,025,653	20,230,135	517,420	20,747,555		34.40	35.90

See footnotes on page 304.

Table 456.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1963-77

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963	24.43	23.58	21.85	23.97	23.06	21.34	15.64	14.73
1964	23.36	22.41	20.29	22.79	21.88	19.72	13.73	13.24
1965	26.01	24.99	22.60	25.13	24.12	21.74	15.07	14.44
1966	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.83
1967	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.22
1968	27.73	26.87	24.70	26.99	25.96	23.89	17.63	17.94
1969	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.29
1970	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973	45.61	44.84	42.01	44.25	43.11	40.43	32.90	32.82
1974	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975		44.61	39.45		43.12	37.60	21.63	21.09
1976		39.11	35.87		37.96	34.10	26.08	25.31
1977		40.38	36.70		38.96	35.30	26.11	25.32

See footnotes on page 311.

Table 457.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1977 (preliminary)

State	Marketings <sup>1</sup>		Cattle shipped for feeding and breeding	Farms shipped cattle and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of calves, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>5</sup>
	Cattle	Calves							
All States	1,000 head 234	1,000 head 234	1,000 head 10	1,000 head 15.0	1,000 pounds 773,028	1,000 dollars 851,411	1,000 dollars 373,833	1,000 dollars 14,183	1,000 dollars 258,174
Ala.	4	2	1	0	173,028	173,028	373,833	14,183	258,174
Ark.	935	76	857	4.0	640,755	204,235	373,833	2,124	378,957
Ariz.	863	477	1,340	17.0	745,290	240,068	301,110	12,191	313,301
Calif.	2,651	434	1,600	75.0	1,693,920	608,994	898,708	67,150	1,053,856
Colo.	2,097	78	2,540	10.0	1,637,990	638,260	1,341,060	10,286	1,351,346
Conn.	19	31	6	1.0	21,130	8,929	7,000	308	7,400
Del.	6	8	0	1.0	8,445	2,591	2,307	908	2,712
Dist. C.	682	862	0	12.0	628,610	189,545	278,833	18,173	296,712
Ga.	575	58	1	13.0	474,345	158,649	188,669	8,313	194,172
Idaho	64	1	0	1.0	54,300	17,245	18,837	5,339	19,376
Ill.	690	170	240	14.0	631,650	232,455	292,563	5,298	297,861
Ind.	1,641	171	800	8.0	1,043,055	331,722	610,338	16,902	626,940
Iowa	827	64	186	16.0	711,460	288,721	288,721	14,291	303,022
Kans.	4,542	162	3,000	16.0	2,898,950	1,073,679	1,794,565	28,354	1,822,919
Kent.	4,710	63	2,960	7.0	2,790,210	1,073,315	1,742,992	8,539	1,751,531
Ky.	1,043	494	140	15.0	699,890	249,327	348,051	18,061	267,087
La.	23	38	10	2.0	49,730	18,837	18,837	1,243	192,747
Maine	65	31	0	3.0	35,320	6,684	37,543	1,756	38,699
Md.	22	104	10	3.0	63,980	29,755	37,543	1,756	38,699
Mass.	22	33	7	1.0	19,300	5,363	7,377	676	8,053
Mich.	558	60	89	11.0	613,715	168,197	187,587	10,588	208,875
Minn.	1,919	221	732	22.0	1,368,370	434,334	650,532	17,066	667,618
Miss.	830	727	20	12.0	648,130	205,336	296,230	7,474	302,994
Mo.	2,083	79	115	35.0	1,945,145	955,071	1,236,781	37,413	1,273,694
Mont.	4,301	130	4,171	4.0	2,732,940	1,015,945	1,558,945	7,481	1,566,426
Nebr.	165	112	12	5.0	1,162,835	58,353	73,949	2,547	1,061,696
Nev.	14	5	5	1.0	15,470	4,238	4,401	611	76,326
N.H.	25	21	4	1.0	31,070	8,943	8,988	1,100	10,088
N.J.	25	1	1,128	8.0	690,640	225,695	462,971	4,828	467,490
N.Mex.	1,424	131	17	16.0	290,000	94,313	98,696	7,641	106,397
N.Y.	246	648	6	18.0	290,460	73,538	82,837	6,400	89,237
N.C.	211	197	7	14.0	290,460	73,538	82,837	6,400	89,237
N.Dak.	879	13	267	14.0	689,970	226,128	321,397	15,194	336,591
Ohio	879	227	306	12.0	1,096,835	670,266	943,478	15,097	958,476
Ore.	3,137	244	1,823	35.0	477,815	158,749	168,579	17,460	185,347

	447	313	95	40.0	419,295	139,023	151,373	24,482	176,855
Pa.	1.7	174	37	.1	1,744	47,981	61,460	3,878	564
R.I.	182	290	753	9.0	162,850	609,556	681,384	9,180	65,338
S.C.	1,097	287	35	6.0	1,615,220	237,497	299,328	13,413	690,554
S. Dak.	8,040	100	2,260	17.0	839,170	1,827,994	2,947,265	13,311	302,741
Tenn.	290	101	19	7.0	24,220	19,724	37,452	3,791	2,960,398
Tex.	290	101	19	7.0	24,220	19,724	37,452	3,791	2,960,398
Utah	74	201	7	3.0	71,090	122,647	22,580	5,981	33,550
Va.	343	201	7	13.0	430,540	135,045	105,465	6,534	118,848
Wash.	424	164	109	71.0	399,825	38,317	25,326	31,873	197,038
W. Va.	87	101	3	28.0	122,425	277,139	311,153	10,182	35,858
Wis.	840	1,055	85	20.0	919,740	185,359	330,018	17,519	328,672
Wyo.	1,027	151	320	5.0	820,810	185,359	330,018	3,795	333,813
U.S.	56,560	12,563	23,221	700	40,895,458	14,023,683	20,230,135	517,430	20,747,555

<sup>1</sup> Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustment made for changes in inventory and for hulls/puns.

<sup>4</sup> Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>5</sup> Includes cash receipts from sales of cattle, calves, and beef and veal plus value of cattle and calves slaughtered for home consumption.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 458.—Cattle and calves: Receipts at selected public stockyards, 1963-77<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2,3</sup>
Cattle											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	1,607	733	353	1,324	2,028	685	846	1,099	1,379	6,994	17,048
1964.....	1,647	689	316	1,351	2,193	773	855	1,223	1,424	7,475	17,956
1965.....	1,524	799	282	1,175	2,083	738	807	1,190	1,390	7,729	17,715
1966.....	1,378	520	236	1,067	2,019	679	790	1,204	1,279	7,201	16,473
1967.....	1,285	208	210	945	1,849	621	789	1,238	1,214	6,214	16,573
1968.....	1,148	157	195	841	1,675	563	805	1,253	1,205	5,864	16,706
1969.....	1,080	109	170	717	1,419	492	781	1,125	982	5,435	15,310
1970.....	923	61	141	600	1,322	422	709	953	943	4,990	15,555
1971.....	470	35	121	515	1,240	399	427	899	758	5,670	13,494
1972.....	.....	16	122	437	1,165	380	373	916	748	5,141	13,278
1973.....	.....	( <sup>4</sup> )	130	396	1,086	308	337	855	814	5,792	12,718
1974.....	.....	.....	130	434	1,230	355	347	980	943	5,580	12,999
1975.....	.....	.....	190	522	1,227	418	398	1,178	1,029	10,304	15,267
1976.....	.....	.....	123	384	1,089	424	323	1,112	946	9,538	13,939
1977.....	.....	.....	139	352	1,062	390	296	845	785	9,687	13,567
Calves											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	4	69	110	131	77	64	15	271	165	1,941	2,551
1964.....	5	72	106	161	100	89	19	333	166	1,577	2,608
1965.....	4	57	105	109	87	61	17	351	165	1,533	2,489
1966.....	3	40	112	83	76	41	18	305	163	1,294	2,135
1967.....	2	38	122	77	80	33	24	313	156	1,115	1,990
1968.....	1	47	121	78	56	31	22	256	123	858	1,563
1969.....	.....	32	122	60	40	33	23	199	78	873	1,460
1970.....	.....	8	110	52	34	33	26	140	39	747	1,189
1971.....	.....	4	102	49	23	22	30	128	47	664	1,066
1972.....	.....	3	96	61	12	15	30	126	27	571	941
1973.....	.....	( <sup>4</sup> )	84	48	14	10	22	107	.....	539	824
1974.....	.....	.....	82	39	32	16	21	105	.....	342	637
1975.....	.....	.....	90	53	27	19	11	136	.....	414	750
1976.....	.....	.....	81	32	24	13	8	156	.....	419	733
1977.....	.....	.....	73	27	( <sup>4</sup> )	11	5	113	.....	402	631

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. <sup>2</sup> Rounded totals of the complete figures. <sup>3</sup> The number of stockyards varies from 23 to 46. <sup>4</sup> Market closed Aug. 1, 1971. <sup>5</sup> Data no longer reported. <sup>6</sup> Cattle and calves combined in 1977.

Agricultural Marketing Service. Compiled from reports received from stockyard companies. Data for 1955-62 in *Agricultural Statistics, 1978*, table 459.

Table 459.—Cattle and calves: Number slaughtered, United States, 1963-77

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>			Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	21,662	5,570	27,232	842	28,074	4,535	2,298	6,833	371	7,204
1964.....	25,133	5,685	30,818	864	31,682	4,820	2,434	7,254	378	7,632
1965.....	26,614	5,733	32,347	828	33,175	5,076	2,344	7,420	388	7,788
1966 <sup>2</sup>	27,319	6,408	33,727	449	34,176	4,432	2,215	6,647	216	6,863
1967.....	27,780	6,089	33,869	430	34,299	4,002	1,917	5,919	192	6,111
1968.....	29,562	5,434	35,026	394	35,420	3,876	1,867	5,743	174	5,917
1969.....	30,537	4,790	35,327	328	35,655	3,637	1,226	4,863	146	5,011
1970.....	30,793	4,232	35,025	331	35,356	3,024	1,049	4,072	131	4,203
1971.....	31,419	4,166	35,585	320	35,905	2,806	883	3,689	136	3,825
1972.....	32,267	3,512	35,779	355	36,134	2,421	632	3,053	148	3,201
1973.....	30,521	3,166	33,687	415	34,102	1,908	441	2,349	155	2,494
1974.....	33,319	3,493	36,812	541	37,353	2,355	632	2,987	188	3,175
1975.....	36,904	4,008	40,911	583	41,494	3,894	1,316	5,209	197	5,406
1976.....	38,962	3,663	42,624	545	43,169	4,438	912	5,350	177	5,527
1977.....	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692

See footnotes on page 311.

Table 460.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight), 1963-77

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Pounds	Dollars	Thousands	Pounds	Dollars
1963.....	21,062	1,046	21.10	4,535	200	23.24
1964.....	25,133	1,041	19.71	4,820	204	19.87
1965.....	26,614	1,016	21.37	5,076	203	20.99
1966.....	27,319	1,031	23.54	4,432	201	25.51
1967.....	27,780	1,039	23.43	4,002	191	25.94
1968.....	26,592	1,030	24.63	3,876	195	27.40
1969.....	30,537	1,020	27.25	3,637	197	30.91
1970.....	30,793	1,049	27.79	3,024	199	33.06
1971.....	31,419	1,040	30.05	2,906	206	34.56
1972.....	32,267	1,048	33.50	2,421	210	41.67
1973.....	30,621	1,054	42.10	1,808	207	53.17
1974.....	32,919	1,052	39.37	2,355	211	37.86
1975.....	36,904	1,009	38.08	2,894	227	28.53
1976.....	38,992	1,030	36.33	4,438	223	34.43
1977.....	38,717	1,033	(1)	4,098	207	(1)

<sup>1</sup> Discontinued as of January 1977.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 461.

Table 461.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1963-77

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	Thousands	Thousands	Thousands	Thousands	Thousands	Percent	Percent	Percent	Percent	Percent
1963.....	12,496	4,157	4,807	8,964	202	57.7	19.2	22.2	41.4	0.9
1964.....	14,395	5,322	5,128	10,450	287	57.3	21.1	20.4	41.5	1.1
1965.....	13,486	6,646	6,056	12,712	415	50.7	25.0	22.6	47.8	1.5
1966.....	13,944	6,120	6,535	13,055	420	50.7	22.4	25.4	47.8	1.5
1967.....	14,681	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968.....	15,361	5,785	7,996	13,771	459	51.9	19.5	27.0	46.5	1.6
1969.....	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.6
1970.....	16,608	5,373	8,304	13,677	507	53.0	17.4	27.1	44.5	1.6
1971.....	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972.....	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973.....	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974.....	17,524	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975.....	16,071	10,420	9,419	19,839	994	43.6	28.3	25.5	53.7	2.7
1976.....	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	51.5	2.3
1977.....	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 463.

## FOOTNOTES FOR TABLE 460

<sup>1</sup> 900 to 1,100 pound weight range; simple average of price range.<sup>2</sup> All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 461

<sup>1</sup> Totals are based on unrounded numbers.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1978*, table 460.

Table 462.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1977<sup>1</sup>

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds	Thousands	1,000 pounds	Pounds
Ala.	263.6	223,413	849	30.4	14,535	479
Aris.	412.1	416,226	1,010	12.8	2,283	178
Ark.	214.4	180,550	842	5.6	2,619	464
Calif.	2,621.0	2,730,551	1,042	361.9	56,174	155
Colo.	2,591.8	2,754,076	1,063	7.5	3,686	489
Del. and Md.	99.3	93,992	1,053	16.0	4,300	268
Fla.	535.4	497,016	928	233.0	83,784	360
Ga.	573.7	495,468	813	77.6	10,522	136
Hawaii	61.2	56,805	928			
Idaho	688.4	731,128	1,063			
Ill.	1,541.2	1,563,153	1,014	188.1	38,591	203
Ind.	494.2	490,805	993	41.0	11,587	283
Iowa	4,556.0	4,851,875	1,065	397.0	56,300	142
Kans.	3,071.1	3,238,938	1,055	1.1	408	371
Ky.	379.6	340,640	897	2.6	704	266
La.	165.3	144,657	875	307.6	138,008	449
Mich.	724.4	816,636	1,112	132.8	22,109	166
Minn.	1,410.2	1,505,081	1,067	11.6	1,903	165
Miss.	417.6	339,862	814	81.6	45,929	558
Mo.	977.0	999,270	1,023	25.6	6,132	201
Mont.	170.9	164,820	964	1.1	350	309
Nebr.	4,612.8	4,871,449	1,056	.2	90	382
Nev.	24.6	25,208	1,023	1.1	444	410
N.J.	241.2	294,743	1,222	238.4	61,790	259
N. Mex.	573.6	574,986	1,002			
N. Y.	940.1	377,336	1,110	1,091.9	143,477	131
N. C.	197.6	171,084	866	7.7	1,820	237
N. Dak.	276.0	284,855	1,032	1.5	682	466
Ohio	1,092.0	1,126,326	1,031	34.3	7,085	206
Okl.	761.9	723,184	949	18.4	8,787	479
Oreg.	287.4	267,493	1,039	24.8	7,454	301
Pa.	1,056.2	1,146,009	1,086	380.0	55,026	145
S. C.	123.4	99,610	807	139.3	62,439	448
S. Dak.	775.6	815,091	1,051	.2	76	358
Tenn.	645.6	482,165	887	38.4	9,112	238
Tex.	6,127.6	5,921,580	966	655.1	336,897	514
Utah	268.1	276,233	1,030	1.9	581	311
Va.	168.7	163,713	971	181.4	62,896	346
Wash.	705.8	772,600	1,095	41.6	8,865	141
W. Va.	57.5	53,238	925	1.5	359	238
Wis.	1,488.7	1,699,342	1,074	478.0	84,996	178
Wyo.	26.3	27,134	1,030			
N. Eng. <sup>2</sup>	169.3	169,408	1,001	245.2	27,168	111
U.S.	41,856.4	42,849,261	1,024	5,517.1	1,371,262	249

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 463.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1963-77<sup>1</sup>

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice, 700-800 lb.	Good, 800-700 lb.	Choice, 500-600 lb.	Good, 600-500 lb.	Utility Breaking <sup>2</sup>	Canner and Cutter
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	37.60	36.51	37.50	36.02	28.46	28.74
1964.....	36.48	34.81	35.93	33.74	26.15	27.13
1965.....	40.48	38.12	39.01	37.08	27.90	29.62
1966.....	40.28	38.90	39.38	37.80	33.48	35.44
1967.....	41.01	39.26	40.16	38.36	32.82	35.94
1968.....	43.84	41.35	42.76	40.56	34.68	37.30
1969.....	47.75	44.92	48.62	44.00	38.71	41.58
1970.....	46.82	44.74	46.26	43.89	39.86	44.72
1971.....	52.39	48.60	51.72	47.97	41.01	45.63
1972.....	55.34	52.90	54.56	51.94	45.97	51.41
1973.....	67.41	64.58	66.44	63.17	58.98	65.78
1974.....	67.00	62.58	65.51	61.93	48.73	53.48
1975.....	73.64	67.88	71.62	65.87	43.20	45.09
1976.....	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>3</sup> .....	62.66	58.21	60.94	56.20	45.51	51.55

<sup>1</sup> Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.<sup>2</sup> Utility grade prior to 1968.<sup>3</sup> Midwest prices; Chicago now included in Midwest Report.Agricultural Marketing Service. Data for 1961-62 in *Agricultural Statistics, 1978*, table 464.

Table 464.—Hogs and pigs: Number and value, United States, Dec. 1, 1967-77

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1967.....	58,818	28.30	1,662,763	1972.....	60,514	60.40	3,663,168
1968.....	60,829	30.50	1,857,228	1974.....	54,693	44.90	2,457,032
1969.....	57,046	39.00	2,224,643	1975.....	49,267	80.40	3,959,360
1970.....	67,285	23.50	1,583,712	1976.....	54,934	47.00	2,582,568
1971.....	62,412	28.80	1,779,619	1977 <sup>1</sup> .....	56,584	63.10	3,570,706
1972.....	59,017	42.00	2,477,260				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 465.—Hogs and pigs: Number and value, by States, Dec. 1, 1975-77

State	Number			Value					
				Value per head			Total value		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	680	630	650	73.50	65.80	63.00	49,980	28,668	34,480
Alaska.....	80	80	1.00	106.00	129.50	117.00	85	104	117
Ariz.....	97	99	102	63.00	48.00	55.50	6,111	4,752	5,661
Ark.....	302	395	400	71.00	44.80	54.00	21,442	17,578	21,600
Calif.....	138	133	150	75.00	50.50	56.00	10,350	7,914	8,400
Colo.....	290	280	320	68.50	44.50	56.00	19,965	12,480	17,920
Conn.....	8.3	9.0	9.9	65.50	55.00	72.00	544	495	713
Del.....	50	50	60	74.00	48.00	58.00	3,700	2,300	3,480
Fla.....	240	320	320	66.00	46.50	57.00	15,840	14,880	18,240
Ga.....	1,300	1,600	1,720	71.00	51.00	64.50	92,300	81,600	92,224
Hawaii.....	58	60	62	84.50	90.00	85.50	4,901	5,400	5,301
Idaho.....	60	45	60	68.00	44.00	53.50	4,080	1,980	3,210
Ill.....	5,000	6,400	6,100	81.50	47.00	64.50	456,400	300,900	393,480
Ind.....	3,900	4,100	4,100	77.50	45.50	64.00	302,250	186,550	262,400
Iowa.....	12,000	14,200	14,500	86.50	48.50	68.20	1,089,900	688,700	988,900
Kans.....	1,660	1,850	2,000	77.00	43.80	60.00	127,050	80,475	120,000
Ky.....	1,000	1,080	1,140	77.00	44.00	55.60	77,000	47,820	63,584
La.....	155	150	160	68.00	50.50	60.00	10,540	7,575	8,000
Maine.....	6.9	7.1	7.2	67.00	51.50	66.00	462	366	475
Md.....	182	190	200	74.50	46.50	59.50	13,559	8,835	11,900
Mass.....	50	50	60	64.50	50.50	59.50	3,225	2,525	3,570
Mich.....	700	720	640	81.50	51.00	66.00	57,050	36,720	42,240
Minn.....	3,000	3,600	4,000	81.00	46.50	64.00	243,000	167,400	256,000
Miss.....	300	405	430	74.50	47.50	57.50	22,350	19,238	24,180
Mo.....	3,200	3,750	3,700	84.50	46.00	64.50	270,400	172,500	238,050
Mont.....	168	186	211	70.50	45.00	57.00	11,633	8,370	12,027
Nebr.....	2,700	3,100	3,180	85.50	47.50	67.00	230,850	147,250	211,050
Nev.....	9.0	8.0	9.0	82.00	48.00	55.00	558	384	495
N.H.....	8.2	8.5	9.5	64.50	50.50	60.00	529	429	570
N.J.....	81	75	76	78.00	55.50	64.00	6,318	4,163	4,984
N. Mex.....	53	73	60	69.00	46.00	52.00	3,657	3,358	3,120
N.Y.....	110	120	125	64.00	52.00	63.00	7,040	6,240	7,875
N.C.....	1,900	1,940	2,300	73.00	47.50	57.50	138,700	92,150	132,250
N. Dak.....	350	350	320	81.50	46.50	63.00	28,825	15,345	20,160
Ohio.....	1,675	1,900	1,750	80.50	46.50	59.00	134,838	88,350	103,250
Okl.....	300	330	330	71.50	42.00	56.00	21,450	13,860	18,480
Oreg.....	95	95	100	68.50	50.00	57.50	6,508	4,750	5,750
Pa.....	660	700	790	71.50	45.00	56.50	47,190	31,500	44,635
R.I.....	8.3	8.7	9.5	64.00	50.00	63.50	531	435	603
S.C.....	480	470	575	71.50	47.50	55.50	34,320	22,325	31,913
S. Dak.....	1,400	1,500	1,580	84.50	45.00	66.00	118,300	67,500	104,280
Tenn.....	880	1,010	1,180	73.50	44.00	56.50	67,620	44,440	66,670
Tex.....	780	850	890	67.50	43.50	49.50	52,650	36,975	44,085
Utah.....	47	51	42	81.00	43.50	52.50	2,867	2,219	2,205
Vt.....	5.0	6.0	7.0	65.50	55.00	75.50	343	330	520
Va.....	660	650	650	74.00	46.00	54.80	48,840	29,900	35,245
Wash.....	63	62	68	74.50	55.00	56.00	4,694	3,410	3,808
W. Va.....	50	55	60	63.50	47.50	54.50	3,175	2,613	3,270
Wis.....	1,150	1,250	1,378	73.00	46.00	62.50	83,950	57,500	86,125
Wyo.....	30	32	32	63.00	45.00	53.00	1,890	1,440	1,856
U.S.....	49,267	54,934	56,584	80.40	47.00	63.10	3,969,390	2,582,568	3,670,700

<sup>1</sup> Preliminary.

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Table 466.—Sows farrowing and pig crop: Number, United States, 1963-78

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	7,099	5,987	50,749	43,307	94,056	1971.....	7,237	6,339	51,918	46,008	97,924
1964.....	6,596	5,523	47,682	39,863	87,544	1972.....	6,498	5,973	47,523	43,051	90,574
1965.....	5,800	5,006	42,526	36,415	78,941	1973.....	6,438	5,809	46,125	41,998	88,123
1966.....	6,208	5,810	45,471	42,133	87,604	1974.....	6,315	5,476	44,792	38,952	83,744
1967.....	6,559	5,901	48,117	42,551	91,668	1975.....	4,973	4,952	35,530	35,656	71,186
1968.....	6,659	6,130	49,077	45,079	94,156	1976.....	5,777	5,849	42,177	42,218	84,395
1969.....	6,323	5,745	46,521	42,155	88,676	1977.....	6,060	6,014	42,989	43,232	86,191
1970.....	7,107	6,876	52,126	49,588	101,714	1978 <sup>1</sup> .....	6,014	6,247	42,343	44,978	87,321

<sup>1</sup> Intentions.

<sup>2</sup> Average number of pigs per litter, with allowance for trend, used to compute indicated December-May pig crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1972*, table 469.

Table 467.—Hogs and pigs: Number for breeding and market, United States, 1963-77

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups						Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
			June 1						
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1963.....	59,777	9,087	26,977	11,480	7,121	3,802	1,360	50,740	
1964.....	52,968	7,915	23,498	10,330	6,005	3,437	1,133	45,053	
1965.....	56,197	8,732	25,328	10,882	6,718	3,285	1,132	47,445	
1966.....	59,366	8,988	26,025	11,891	7,371	3,802	1,289	50,378	
1967.....	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279	
1968.....	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522	
1969.....	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,059	
1970.....	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970	
1971.....	60,626	9,147	24,616	12,663	8,018	4,737	1,425	51,479	
1972.....	59,371	8,988	24,332	12,044	8,136	4,783	1,289	50,583	
1973.....	58,878	8,823	23,654	12,059	7,737	4,920	1,585	50,085	
1974.....	47,890	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1975.....	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977.....	54,480	8,693	21,566	10,896	7,681	4,593	1,051	45,787	
Dec. 1									
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1963.....	62,060	9,117	18,864	13,949	11,119	6,678	2,333	52,943	
1964.....	56,106	8,196	16,483	12,967	10,182	6,167	2,171	47,940	
1965.....	50,519	8,224	15,344	11,470	8,690	5,157	1,634	42,295	
1966.....	57,125	8,962	17,317	12,827	9,955	6,994	2,670	45,283	
1967.....	58,518	9,186	18,019	13,413	9,857	6,238	2,105	49,632	
1968.....	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357	
1969.....	57,046	9,189	17,522	13,004	9,666	5,775	1,990	47,857	
1970.....	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640	
1971.....	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937	
1972.....	59,017	8,650	19,303	13,365	10,187	5,783	1,999	50,367	
1973.....	60,614	8,605	20,143	15,718	10,223	6,103	1,826	52,009	
1974.....	54,693	7,380	17,732	12,495	9,685	5,740	1,652	47,304	
1975.....	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976.....	54,634	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977.....	56,584	8,612	19,444	12,406	9,125	5,497	1,500	47,972	

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 468.—Hogs: Number in specified countries, 1976-78<sup>1</sup>

Continent and country	1976	1977	1978 <sup>2</sup>	Continent and country	1976	1977	1978 <sup>2</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
<b>North America:</b>				<b>Europe—Con.</b>			
Canada.....	5,409	5,587	5,950	Bulgaria.....	3,589	3,453	3,400
Costa Rica.....	215	215	215	Czechoslovakia.....	6,683	6,820	7,510
Dominican Republic.....	708	753	810	German Dem. Rep.....	11,501	11,291	11,757
El Salvador.....	435	430	435	Hungary.....	6,983	7,855	7,900
Guatemala.....	839	840	845	Poland.....	21,943	16,764	20,501
Honduras.....	520	525	530	Romania.....	8,813	10,192	9,732
Mexico.....	12,000	12,100	12,500	Yugoslavia.....	6,536	7,326	7,526
Nicaragua.....	670	690	710	<b>Total Eastern Europe...</b>	<b>66,018</b>	<b>63,701</b>	<b>68,416</b>
Panama.....	179	180	180	<b>Total Europe...</b>	<b>155,370</b>	<b>156,564</b>	<b>163,219</b>
United States <sup>3</sup> .....	49,267	54,934	56,656	<b>Soviet Union.....</b>	<b>87,900</b>	<b>63,160</b>	<b>70,300</b>
<b>Total.....</b>	<b>70,229</b>	<b>76,254</b>	<b>78,831</b>				
<b>South America:</b>				<b>Africa:</b>			
Argentina.....	4,100	4,200	4,200	South Africa.....	1,730	1,781	1,800
Brazil.....	36,000	36,800	37,600	<b>Total.....</b>	<b>1,730</b>	<b>1,781</b>	<b>1,800</b>
Chile.....	722	700	720				
Colombia.....	1,889	1,925	1,983	<b>Asia:</b>			
Ecuador.....	2,734	2,935	3,150	China, Rep. of.....	3,315	3,321	3,330
Peru.....	2,100	1,990	1,900	India.....	8,479	8,923	9,410
Uruguay.....	229	310	445	Iran.....	50	50	50
Venezuela.....	1,968	2,056	2,150	Japan.....	7,459	8,123	9,100
<b>Total.....</b>	<b>49,720</b>	<b>50,588</b>	<b>52,148</b>	Korea, Rep. of.....	1,247	1,953	1,977
<b>Europe:</b>				Philippines.....	6,489	6,525	6,600
Belgium-Luxembourg.....	4,765	4,902	5,070	Turkey.....	16	15	16
Denmark.....	7,585	7,897	8,234	<b>Total.....</b>	<b>27,055</b>	<b>28,928</b>	<b>30,483</b>
France.....	11,451	11,638	11,300	<b>Oceania:</b>			
Germany, Fed. Rep. of.....	19,805	20,589	21,455	Australia.....	2,173	2,221	2,200
Ireland.....	880	938	974	New Zealand.....	503	536	580
Italy.....	8,885	9,097	9,200	<b>Total.....</b>	<b>2,676</b>	<b>2,757</b>	<b>2,780</b>
Netherlands.....	7,059	7,314	8,200	<b>Total selected countries...</b>	<b>354,682</b>	<b>380,270</b>	<b>399,561</b>
United Kingdom.....	7,968	8,151	7,650				
<b>Total EC.....</b>	<b>68,101</b>	<b>70,576</b>	<b>72,083</b>				
Austria.....	3,683	3,878	3,800				
Finland.....	1,054	1,146	1,200				
Greece.....	732	820	850				
Norway.....	636	673	700				
Portugal.....	2,100	2,120	2,260				
Spain.....	8,583	9,008	9,250				
Sweden.....	2,467	2,567	2,600				
Switzerland.....	2,006	2,065	2,060				
<b>Total Western Europe...</b>	<b>89,352</b>	<b>92,853</b>	<b>94,803</b>				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 469.—Sows farrowing and pig crop: Number, by States, 1976 and 1977

State	Sows farrowing				Pig crop						
	1976		1977		1976			1977			Total <sup>1</sup>
	Dec.-May	June-Nov.	Dec.-May	June-Nov. <sup>1</sup>	Dec.-May	June-Nov.	Total	Dec.-May	June-Nov. <sup>1</sup>	Total	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
Ala.	75	78	80	74	548	555	1,103	536	540	1,076	
Alaska	.08	.05	.14	.10	.60	.40	1.00	1.00	.70	1.70	
Ariz.	11	11	12	11	83	86	169	94	87	181	
Ark.	46	53	44	54	345	398	743	308	383	691	
Calif.	15	14	13	14	105	101	206	90	105	195	
Colo.	31	31	31	33	226	229	455	223	241	464	
Conn.	1.1	1.0	1.1	1.0	5.5	6.6	12.1	7.3	7.0	14.3	
Del.	22	25	25	25	42	44	86	47	55	102	
Fla.	22	28	30	33	158	193	351	261	315	416	
Ga.	157	156	155	162	1,094	1,089	2,173	1,137	1,138	2,275	
Hawaii	5.6	5.1	5.8	5.5	38	34	72	39	37	76	
Idaho	4.0	4.0	6.0	5.0	31	26	57	43	37	80	
Ill.	695	715	675	690	4,963	5,041	10,004	4,618	4,812	9,430	
Ind.	425	425	400	405	3,048	3,149	6,197	3,711	2,876	5,887	
Iowa	1,400	1,405	1,530	1,430	10,334	10,677	20,411	11,043	10,296	21,339	
Kans.	196	187	223	212	1,403	1,346	2,749	1,655	1,521	3,176	
Ky.	116	121	127	133	833	867	1,700	818	946	1,764	
La.	14	16	15	15	97	104	201	110	105	215	
Maine	.9	.7	.8	.9	5.4	4.2	9.6	5.4	5.8	11.2	
Md.	18	20	19	21	128	146	276	133	151	284	
Mass.	6.6	5.7	5.0	6.5	45	37	82	35	43	78	
Mich.	82	73	76	72	615	526	1,141	540	482	1,022	
Minn.	359	415	420	465	2,699	3,058	5,757	3,105	3,393	6,498	
Miss.	35	34	43	40	249	252	501	280	280	560	
Mont.	395	430	457	455	2,914	3,076	5,990	3,243	3,288	6,531	
Nebr.	17	16	19	19	126	117	243	143	144	287	
Nev.	332	338	340	340	2,462	2,416	4,878	2,514	2,456	4,970	
N.H.	.9	.9	1.1	1.0	6.3	5.9	12.2	7.7	7.5	15.2	
N.J.	1.0	1.1	.8	1.1	6.0	7.7	13.7	4.9	7.9	12.8	
N.M.	3.9	3.4	4.8	3.8	24	22	46	28	21	49	
N. Mex.	9.4	9.8	7.0	8.0	69	61	130	48	44	92	
N.Y.	11	13	13	14	83	96	181	94	107	201	
N.C.	232	197	218	223	1,694	1,444	3,138	1,542	1,633	3,175	
N. Dak.	39	31	34	28	300	233	533	248	207	455	
Ohio	200	204	188	188	1,475	1,491	2,966	1,375	1,396	2,671	
Okl.	32	37	35	36	227	252	479	242	232	494	
Oreg.	9.0	11	11.0	12	65	87	152	79	90	169	
Pa.	72	60	68	66	526	444	970	524	488	1,012	
R.I.	.8	.7	.7	1.0	4.4	4.6	9.0	3.9	6.5	10.4	
S.C.	48	46	54	53	346	313	659	362	366	728	
S. Dak.	194	179	190	183	1,400	1,301	2,701	1,409	1,335	2,744	
Tenn.	128	123	138	137	832	856	1,688	966	973	1,939	
Tex.	93	87	98	92	668	627	1,295	646	661	1,307	
Utah	4.5	5.9	6.0	4.5	25	42	77	46	31	77	
Vt.	.7	.6	.7	.8	4.9	4.5	9.4	5.0	5.7	10.7	
Va.	53	58	55	50	360	418	778	374	355	729	
Wash.	6.9	7.1	7.4	7.5	51	48	99	57	56	113	
W. Va.	6.0	6.5	6.0	6.5	45	49	94	43	49	92	
Wis.	165	181	167	192	1,244	1,377	2,621	1,256	1,474	2,730	
Wyo.	3.3	3.4	2.7	3.2	24	22	46	19	22	41	
U.S.	5,777	5,849	6,050	6,014	42,177	42,218	84,395	42,959	43,232	86,191	

<sup>1</sup> Preliminary.

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Table 470.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1963-77

Year	Marketings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1963.....	88,163	2,657	3,793	30,990,490	3,128,468	3,033,284	134,868	3,168,182	32,117	14.90
1964.....	86,086	2,718	3,269	30,216,732	2,988,824	3,033,518	116,089	3,149,607	31,724	14.80
1965 <sup>7</sup> .....	78,127	2,364	2,678	18,252,141	2,572,557	2,607,520	125,227	2,732,747	35,712	19.60
1966.....	75,701	2,499	1,375	19,148,089	4,491,705	4,169,060	145,451	4,314,511	46,424	23.50
1967.....	85,256	2,855	1,301	20,638,444	3,940,225	2,809,203	112,051	3,921,254	43,337	19.10
1968.....	87,726	3,181	1,262	21,034,221	3,897,369	3,777,013	104,746	3,881,769	30,876	18.80
1969.....	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.20
1970.....	86,919	3,211	1,235	21,822,526	4,854,546	4,619,940	130,898	4,750,844	(?)	22.70
1971.....	96,044	3,689	1,210	22,832,335	5,990,854	4,948,843	98,553	5,144,396	17,560	25.10
1972.....	89,585	3,360	1,159	20,918,802	5,245,034	5,246,914	141,040	5,387,954	-----	38.40
1973.....	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731	-----	34.20
1974.....	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161	-----	40.10
1975.....	73,596	3,806	1,193	16,796,843	7,750,949	7,836,359	268,726	8,105,085	-----	43.20
1976.....	75,744	4,191	1,175	18,110,651	7,844,358	7,400,479	268,452	7,668,931	-----	39.40
1977 <sup>8</sup> .....	81,962	4,282	1,139	19,372,185	7,633,679	7,355,381	259,031	7,614,412	-----	-----

<sup>1</sup> Excludes interfarm sales within a State, but includes animals custom slaughtered for use on farms where produced.<sup>2</sup> Beginning 1966, excludes custom slaughter for farmers at commercial establishments.<sup>3</sup> Adjustments made for changes in inventory and for shipments.<sup>4</sup> Receipts from marketings and sales of farm slaughter, excluding interfarm sales within a State.<sup>5</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.<sup>6</sup> Beginning 1965, data for 12-month period—December of previous year through November of current year.<sup>7</sup> Discontinued.<sup>8</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 473.Table 471.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1963-77<sup>1</sup>

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and southern Minnesota *
	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>1,2</sup>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	1,796	615	255	1,064	3,474	2,529	1,872	3,121	2,229	13,182	30,165	17,780
1964.....	1,801	577	283	1,060	3,445	2,426	1,999	2,918	1,953	12,953	29,312	16,052
1965.....	1,434	443	230	1,011	2,622	2,033	1,677	2,132	1,686	11,140	24,410	17,376
1966.....	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	10,426	23,658	18,458
1967.....	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,800	10,131	24,277	20,437
1968.....	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	10,172	24,071	20,932
1969.....	965	370	361	1,332	1,798	1,544	1,756	2,734	1,879	9,615	22,454	20,192
1970.....	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971.....	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725	20,506
1972.....	555	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506	18,882
1973.....	(b)	65	735	1,387	1,325	1,641	2,357	1,772	7,792	17,024	19,979	18,882
1974.....	-----	80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979	18,882
1975.....	-----	84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226	18,190
1976.....	-----	77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190	18,190
1977.....	-----	94	491	1,065	1,458	1,586	2,291	2,003	6,732	15,710	19,781	19,781

<sup>1</sup> Total rail and truck receipts.<sup>2</sup> Rounded total of complete figures.<sup>3</sup> The number of stockyards reporting varies from 43 to 68.<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.<sup>5</sup> Data no longer reported.Agricultural Marketing Service. Compiled from reports received from stockyard companies. Data for 1955-62 in *Agricultural Statistics, 1978*, table 474.

Table 472.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1977<sup>1</sup> (preliminary)

State	Market- ings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	961	40	40	228,347	86,308	78,831	7,611	86,142
Alaska	.5	—	.8	281	162	181	10	161
Ark.	169	1	2	39,844	16,608	18,989	403	16,392
Calif.	609	8	25	122,229	46,203	40,735	3,946	44,681
Colo.	160	22	20	39,685	16,371	13,815	2,013	16,728
Conn.	394	14	7	94,628	36,621	32,079	2,868	34,944
Del.	12.1	—	.6	3,153	1,167	966	117	1,083
Fla.	90	7	1	20,143	7,835	7,255	195	7,450
Ga.	377	11	10	77,871	29,513	27,864	1,668	29,532
Hawaii	1,994	88	85	472,888	177,906	163,751	9,764	173,515
Idaho	63	—	3	12,679	7,722	7,105	438	7,543
Ill.	87	11	4	17,299	6,674	4,904	1,228	6,128
Ind.	9,505	494	19	2,376,504	931,990	944,749	5,251	950,000
Iowa	5,895	599	18	1,305,713	566,659	570,867	4,370	575,237
Kans.	20,639	1,300	60	5,112,676	2,024,620	1,994,628	27,992	2,032,620
Ky.	3,149	233	13	787,605	303,042	293,040	4,992	298,038
La.	1,633	100	75	358,752	140,272	128,664	10,264	138,928
Maine	166	3	21	43,240	15,826	12,494	3,222	15,716
Md.	9.5	—	.8	3,013	1,115	884	259	1,113
Mass.	285	17	10	80,871	19,789	17,871	1,782	19,323
Mich.	61	—	1	15,832	5,888	5,203	292	5,496
Minn.	1,022	47	18	235,789	94,676	85,063	5,249	100,242
Miss.	5,954	219	45	1,392,757	544,568	509,071	19,434	528,505
Mo.	455	4	45	107,896	42,727	35,713	8,910	42,623
Mont.	6,198	8	53	1,320,098	524,079	507,600	13,887	521,487
Nebr.	285	42	8	67,741	25,403	24,074	1,280	25,324
Nev.	5,021	370	13	1,102,213	434,273	439,997	6,656	436,653
N.H.	12.7	.1	.9	3,162	1,300	1,105	128	1,233
N.J.	10.4	—	.4	2,628	972	848	125	983
N. Mex.	86	60	5	16,434	6,278	7,078	955	8,033
N.Y.	99	5	4	20,985	8,499	9,069	453	9,522
N.C.	168	2	9	41,210	15,060	13,603	1,967	15,470
N. Dak.	2,500	85	120	621,943	243,150	208,208	20,328	228,736
Ohio	438	16	15	96,336	36,704	36,076	2,015	38,061
Okl.	2,786	226	21	618,789	245,650	223,616	4,271	237,887
Oreg.	459	22	12	105,885	41,719	36,461	5,437	41,898
Pa.	149	1	6	35,050	13,354	11,923	1,080	13,003
R.I.	757	—	60	201,635	78,917	61,764	10,979	72,743
S.C.	5.7	—	.1	2,572	952	874	21	895
S. Dak.	357	—	30	152,573	58,130	48,381	4,764	53,135
Tenn.	2,655	65	10	879,780	230,752	225,129	3,264	228,413
Tex.	1,524	30	95	350,392	136,302	105,967	21,064	127,031
Utah	1,177	11	25	301,964	114,746	107,335	5,645	112,980
Vt.	80	2	3	18,249	7,044	6,725	708	7,433
Wa.	8.8	—	.5	3,234	1,197	916	188	1,084
Wash.	637	88	55	148,301	57,392	50,741	9,263	60,004
W. Va.	88	—	11	23,183	8,879	7,199	1,432	8,631
Wis.	2,492	22	17	25,922	9,980	7,280	2,592	9,872
Wyo.	39	3	2	525,429	205,559	191,201	6,766	197,967
U.S.	81,062	4,282	1,199	19,372,185	7,633,879	7,358,381	259,031	7,614,412

<sup>1</sup> Data for 12-month period—December 1975 through November 1976.<sup>2</sup> Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.<sup>3</sup> Excludes custom slaughter for farmers at commercial establishments.<sup>4</sup> Adjustments made for changes in inventory and for shipments.<sup>5</sup> Receipts from marketing and sales of farm-slaughtered meat, excluding interfarm sales within the States.<sup>6</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

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Table 473.—Hogs: Number slaughtered, United States, 1963-77

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	71,577	11,747	83,324	3,793	87,117	1971.....	86,967	7,771	94,738	1,210	95,948
1964.....	71,667	11,352	83,018	3,266	86,284	1972.....	78,759	5,948	84,707	1,158	85,865
1965.....	63,708	10,076	73,784	2,678	76,462	1973.....	72,264	4,531	76,795	1,095	77,890
1966.....	63,729	10,282	74,011	1,375	75,386	1974.....	77,071	4,091	81,162	1,321	82,483
1967.....	70,915	11,209	82,124	1,301	83,425	1975.....	64,926	3,761	68,687	1,193	69,880
1968.....	74,789	10,371	85,160	1,262	86,422	1976.....	70,454	3,330	73,784	1,175	74,959
1969.....	75,682	8,156	83,838	1,134	84,972	1977.....	74,019	3,285	77,303	1,139	78,442
1970.....	78,187	7,630	85,817	1,235	87,052						

<sup>1</sup> Totals are based on unrounded numbers.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1972*, table 476.Table 474.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1977<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
Ala.....	597.5	151,515	254	N.J.....	219.4	50,891	232
Ariz.....	179.8	40,191	224	N. Mex.....	84.4	19,539	231
Ark.....	177.3	42,255	238	N.Y.....	310.6	71,029	229
Calif.....	1,535.3	354,365	231	N.C.....	1,879.1	417,073	222
Colo.....	552.6	128,602	233	N. Dak.....	20.1	4,691	234
Del. and Md.....	318.3	72,363	227	Ohio.....	3,861.3	887,803	230
Fla.....	264.6	55,642	210	Okl.....	772.3	184,290	239
Ga.....	1,672.9	369,891	221	Oreg.....	161.1	35,508	220
Hawaii.....	48.0	9,055	189	Pa.....	2,857.4	644,167	225
Idaho.....	82.1	19,018	232	S.C.....	277.4	89,801	238
Ill.....	5,134.0	1,291,802	252	S. Dak.....	2,397.6	560,345	234
Ind.....	3,514.8	848,359	241	Tenn.....	2,961.4	685,438	231
Iowa.....	18,653.8	4,551,779	244	Tex.....	1,090.8	269,971	247
Kans.....	1,098.6	257,662	235	Utah.....	159.0	37,068	233
Ky.....	1,655.4	403,727	242	Va.....	2,818.8	639,968	227
La.....	249.2	58,595	225	Wash.....	614.9	140,541	229
Mich.....	3,786.6	909,489	240	W. Va.....	31.3	10,855	348
Minn.....	4,974.1	1,181,532	238	Wis.....	3,205.1	774,706	242
Miss.....	1,360.0	312,706	230	Wyo.....	11.6	2,748	237
Mo.....	3,196.8	770,607	241	N. Eng. <sup>2</sup> .....	57.3	14,378	251
Mont.....	478.3	108,255	226				
Nebr.....	3,868.6	830,821	220	U.S.....	77,303.0	18,329,947	237
Nev.....	3.8	848	225				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 475.—Hogs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1963-77

Year	Number			Percentage of total		
	Barrows and gilts	Sows	Stags and boars	Barrows and gilts	Sows	Stags and boars
	Thousands	Thousands	Thousands	Percent	Percent	Percent
1963.....	65,288	5,717	572	91.2	8.0	0.8
1964.....	65,435	5,702	529	91.3	8.0	.7
1965.....	58,576	4,739	362	92.0	7.4	.6
1966.....	58,383	5,055	291	91.6	7.9	.5
1967.....	65,444	5,157	314	92.3	7.3	.4
1968.....	69,484	4,929	377	92.9	6.6	.5
1969.....	70,119	4,961	610	92.6	6.6	.8
1970.....	72,647	5,018	525	92.9	6.4	.7
1971.....	80,687	5,372	738	93.0	6.2	.8
1972.....	73,419	4,646	605	93.2	5.9	.9
1973.....	67,321	4,201	742	93.2	5.8	1.0
1974.....	71,048	5,319	704	92.2	6.9	.9
1975.....	60,761	3,582	586	93.6	5.5	.9
1976.....	66,512	3,399	548	94.4	4.8	.8
1977.....	69,191	4,085	783	93.4	5.5	1.1

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-82 in *Agricultural Statistics, 1978*, table 478.

Table 476.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1963-77

Year beginning September	Number slaughtered			Average live weight <sup>1</sup>			Average cost per 100 pounds live weight <sup>1</sup>		
	September-March	April-August	September-August	September-March	April-August	September-August	September-March	April-August	September-August
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1963.....	44,992	28,794	71,756	240	246	242	14.65	15.23	14.87
1964.....	43,511	24,417	67,928	240	241	241	15.73	21.23	17.71
1965.....	36,583	24,204	60,788	241	247	244	25.07	23.11	24.29
1966.....	43,030	26,906	69,936	241	244	242	19.86	20.34	20.05
1967.....	43,760	29,410	73,170	240	242	241	18.15	19.42	18.66
1968.....	46,815	29,935	76,750	238	240	239	19.04	23.47	20.78
1969.....	45,072	30,059	74,031	241	243	242	26.20	23.45	25.08
1970.....	52,170	34,851	87,021	239	241	240	17.28	17.99	17.67
1971.....	50,163	31,626	81,789	239	240	240	21.43	25.89	23.16
1972.....	45,657	28,908	74,562	240	242	241	31.06	41.06	34.95
1973.....	43,309	31,923	75,233	245	246	245	39.70	31.24	36.10
1974.....	43,309	31,923	75,232	245	246	245	39.71	31.25	36.13
1975.....	43,832	26,097	69,929	242	240	241	37.89	47.48	41.68
1976.....	37,796	26,932	64,718	241	238	240	51.94	47.60	50.14
1977.....	45,829	29,023	74,851	237	238	237	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes on page 322.

Table 477.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1963-77

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			Dollars	Dollars				Dollars	Dollars
1963.....	13.4	13.5	1.12	1.11	1971.....	14.0	14.3	1.27	1.25
1964.....	13.1	13.2	1.13	1.12	1972.....	22.1	22.5	1.17	1.15
1965.....	17.7	18.0	1.18	1.16	1973.....	31.7	22.2	1.89	1.87
1966.....	18.5	18.7	1.25	1.23	1974.....	12.2	12.2	2.92	2.91
1967.....	16.3	16.5	1.17	1.16	1975.....	17.1	17.2	2.70	2.68
1968.....	17.9	18.3	1.04	1.02	1976.....	17.8	17.6	2.49	2.48
1969.....	19.8	20.2	1.13	1.11	1977.....	19.9	20.1	2.02	2.01
1970.....	19.1	19.4	1.28	1.21					

See footnotes on page 322.

Table 478.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1963-77

Year	Omaha					7 markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percent- age of all pur- chases	Barrows and gilts		Sows		Number of sows as percent- age of all pur- chases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	Pounds	Dollars	Pounds	Dollars	Percent	Pounds	Dollars	Pounds	Dollars	Percent
1963.....	235	15.36	423	13.51	12	230	15.38	415	13.43	11
1964.....	239	15.24	432	12.88	12	234	15.31	422	12.84	11
1965.....	235	20.99	433	18.96	13	232	21.30	424	16.03	12
1966.....	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967.....	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968.....	238	19.01	444	16.12	13	235	19.19	436	16.20	11
1969.....	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970.....	240	21.75	449	17.74	12	237	21.65	439	17.83	10
1971.....	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972.....	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973.....	239	39.53	458	35.59	13	237	40.27	445	35.94	11
1974.....	245	34.65	447	29.78	14	241	35.12	438	29.92	11
1975.....	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976.....	240	42.60	457	36.00	13	236	43.11	457	35.92	10
1977.....	237	40.65	450	36.20	14	234	41.07	454	36.01	10

<sup>1</sup> Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service. Data for 1960-62 in *Agricultural Statistics, 1972*, table 481.

Table 479.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1963-77

Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>2</sup>	Bacon, smoked, slab, 8- to 12-lb. average
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1963.....	44.25	34.26	43.67	36.34	1971.....	49.85	39.35	45.55	36.11
1964.....	44.33	33.44	42.66	38.88	1972.....	64.46	52.26	56.97	46.70
1965.....	53.23	43.06	50.66	48.76	1973.....	81.91	71.06	82.14	52.14
1966.....	56.94	46.16	54.29	55.41	1974.....	78.50	61.98	-----	-----
1967.....	51.53	40.91	49.76	44.76	1975.....	99.28	86.44	89.15	-----
1968.....	50.90	40.31	48.11	42.96	1976.....	97.68	81.13	91.06	-----
1969.....	57.47	48.73	54.19	47.64	1977.....	95.25	75.98	80.06	-----
1970.....	56.96	43.43	51.68	48.40					

<sup>1</sup> Prior to June 1967, 8-12 pounds.

<sup>2</sup> Delete word "smoked" after 1974.

Agricultural Marketing Service. Data for 1957-62 in *Agricultural Statistics, 1972*, table 482.

## FOOTNOTES FOR TABLE 476

<sup>1</sup> Weighted averages; obtained from monthly survey of slaughtering plants. In recent years the packer-style carcass weight of hogs averaged 71 percent of the live weight, and pork (excluding lard) averaged 69 percent of the live weight.

<sup>2</sup> Discontinued as of January 1977.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1972*, table 479.

## FOOTNOTES FOR TABLE 477

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios.

<sup>2</sup> Average of midmonth weighted prices.

<sup>3</sup> Beginning 1968, marketing year average December through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1972*, table 480.

Table 480.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1963-77

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federally inspected	Other commercial	Farm	Total			Exports	Ship- ments	Total	Total	Direct use	
											Total	Per civilian
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963.....	2,117	256	100	2,473	128	2,601	538	57	594	1,887	1,190	6.4
1964.....	2,183	235	85	2,473	119	2,592	682	64	747	1,716	1,193	6.3
1965.....	1,772	208	65	2,045	127	2,172	251	75	325	1,785	1,225	6.4
1966.....	1,698	202	32	1,929	62	1,991	158	63	220	1,670	1,071	5.5
1967.....	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968.....	1,862	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6
1969.....	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970.....	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.7
1971.....	1,830	106	24	1,960	82	2,042	252	62	315	1,698	880	4.3
1972.....	1,464	77	18	1,559	100	1,659	164	25	189	1,419	787	3.8
1973.....	1,181	55	18	1,254	51	1,305	113	8	121	1,139	705	3.4
1974.....	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975.....	956	36	17	1,012	36	1,048	88	56	144	875	632	3.0
1976.....	1,010	33	17	1,060	28	1,088	181	54	235	820	585	2.7
1977 *.....				1,029	34	1,063	182	47	229	806	502	2.3

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.<sup>2</sup> Includes imports, which were less than 500,000 pounds.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers. Data for 1950-62 in *Agricultural Statistics, 1972*, table 483.

Table 481.—Lard, including rendered pork fat: United States exports by country of destination, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belize.....	935	1,373	1,279	Belgium and Luxembourg.....		2,001	1,746
Canada.....	9,277	16,999	20,124	Poland.....		1,725	3,383
Haiti.....	292	1,385	1,236	United Kingdom.....	4,621	28,581	19,320
Mexico.....	24,372	27,778	31,066	Other countries.....	41	1,245	2,692
Netherlands Antilles.....	62	118	235	Total.....	4,662	33,532	27,141
Panama.....	100	21	14	Africa.....		31	
Other countries.....	84	95	141	Asia.....	1	632	282
Total.....	35,093	47,660	54,095	Grand total <sup>2</sup> .....	39,791	81,901	82,640
South America:							
Bolivia.....			292				
Colombia.....	35	9	143				
Other countries.....		7	637				
Total.....	35	16	1,072				

<sup>1</sup> Preliminary.<sup>2</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 482.—Sheep and lambs: Number and value, United States, Jan. 1, 1963–78

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1963	29,176	14.60	424,980	1971	19,731	23.90	465,418
1964	27,116	14.10	382,514	1972	18,739	22.90	429,861
1965	23,127	16.00	401,044	1973	17,641	26.70	470,523
1966	24,734	19.80	490,688	1974	16,310	32.80	534,768
1967	23,953	19.80	473,216	1975	14,815	30.50	442,491
1968	22,223	19.20	427,216	1976	13,311	37.30	496,291
1969	21,350	22.00	470,709	1977	12,766	42.40	541,245
1970	20,423	25.10	512,737	1978 <sup>1</sup>	12,387	51.50	638,509

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1930–62 in *Agricultural Statistics, 1972*, table 483.

Table 483.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1963–78

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep					
			Total	Lambs		1 year and over		
				Ewes	Wethers and rams	Ewes	Rams	Wethers
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963	29,176	4,054	25,122	3,319	782	20,028	808	205
1964	27,116	3,661	23,455	3,089	714	18,723	754	173
1965	23,127	3,284	21,843	2,801	650	17,502	722	168
1966	24,734	3,278	21,456	3,010	760	16,850	675	161
1967	23,953	3,276	20,677	2,859	688	16,230	645	154
1968	22,223	3,115	19,108	2,546	569	15,290	587	118
1969	21,350	2,995	18,355	2,472	501	14,707	558	117
1970	20,423	2,990	17,433	2,422	475	13,923	522	91
1971	19,731	2,785	16,946	2,280	463	13,600	507	87
1972	18,739	2,894	15,845	1,974	402	12,909	(1)	<sup>1</sup> 580
1973	17,641	2,873	14,768	1,883	354	12,049	-----	482
1974	16,310	2,625	13,685	1,804	359	11,058	-----	494
1975	14,815	2,079	12,736	1,510	404	10,085	-----	437
1976	13,311	1,884	11,427	1,345	350	9,314	-----	418
1977	12,766	1,731	11,035	1,407	380	8,856	-----	362
1978 <sup>1</sup>	12,387	1,613	10,774	1,492	324	8,586	-----	372

<sup>1</sup> Estimates of rams 1 year old and older combined with the estimates of wethers 1 year old and older, beginning Jan. 1, 1972.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945–62 in *Agricultural Statistics, 1972*, table 486.

Table 484.—Stock sheep: Number, by classes, by States, Jan. 1, 1977 and 1978

Total	State	Lambs				1 year and over			
		Ewes		Wethers and rams		Ewes		Wethers and rams	
		1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
		1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1,000 dollars									
465,418	Ala.	0.5	0.5	0.5	0.5	2.4	2.5	0.2	0.2
428,861	Alaska	.3	.5	.3	.5	3.1	2.9	2.6	2.1
470,833	Ariz.	45	50	16	20	308	296	13	12
334,766	Ark.	.8	.8	.5	.4	3.5	3.4	.3	.3
442,491	Calif.	82	88	21	30	770	780	27	27
496,291	Colo.	56	53	6	6	426	380	12	11
541,345	Conn.	.8	.7	.3	.2	4	3.9	.4	.3
638,606	Del.	.3	.3	.1	.1	1.4	1.2	.1	.1
	Fla.	.6	.6	.4	.4	3.1	2.7	.4	.3
	Ga.	.7	.4	.2	.2	2.4	2.3	.4	.3
	Idaho	56	83	5	6	436	435	9	11
	Ill.	24	23	6	7	125	129	7	8
	Ind.	25	22	7	6	135	130	8	7
	Iowa	38	39	9	10	260	240	11	11
	Kans.	13	12	8	6	115	117	4	5
	Ky.	4	4	1	1	24	22	1	1
	La.	2	2	1	1	9	9	1	1
	Maine	2	2	1	1	7	8	1	1
	Md.	2	3	1	1	14	14	1	1
	Mass.	1	1.1	.4	.5	4.9	4.7	.4	.5
	Mich.	17	13	3	3	91	88	4	4
	Minn.	25	30	6	6	173	160	6	7
	Miss.	.8	.7	.5	.4	3.7	3.1	.4	.3
	Mo.	16	15	5	5	90	88	4	4
	Mont.	94	88	13	13	371	356	12	13
	Nebr.	11	15	3	4	83	126	3	4
	Nev.	16	15	1	1	100	92	3	2
	N.H.	1	1	.3	.3	4.8	4.8	.4	.4
	N.J.	1.1	1.1	.6	.6	6	6	.6	.6
	N. Mex.	73	76	11	9	439	437	24	24
	N.Y.	8	8	3	3	47	45	2	2
	N.C.	1	1	.5	.7	6.5	6.6	.7	.7
	N. Dak.	25	28	6	6	138	126	5	6
	Ohio	46	37	19	11	362	253	13	9
	Okl.	5	7	2	3	45	55	3	3
	Oreg.	42	42	10	8	247	250	11	10
	Pas.	15	10	5	5	75	60	3	3
	R.I.	.2	.2	.2	.1	1.6	1.6	.1	.1
	S.C.	.2	.2	.1	.1	.9	.9	.1	.1
	S. Dak.	84	113	16	19	510	523	15	15
	Tenn.	2	2	1	1	13	11	1	1
	Tex.	264	310	144	95	1,865	1,800	287	268
	Utah	63	53	6	5	475	401	14	11
	Va.	1.1	1.1	.6	.3	5.1	6.6	.3	.4
	W. Va.	21	22	9	9	129	136	5	5
	Wash.	9	9	1	2	50	42	4	3
	W. Va.	17	16	5	6	99	94	4	4
	Wis.	11	12	2	1	57	58	2	2
	Wyo.	183	180	21	20	835	780	32	30
	U.S.	1,407	1,492	380	324	8,886	8,586	362	372

<sup>1</sup> Preliminary.<sup>2</sup> 14,000 wethers and 73,000 rams.<sup>3</sup> 25,000 wethers and 80,000 rams.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 485.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1976-78

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1976	1977	1978 <sup>1</sup>	1976	1977	1978 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	3.8	3.8	3.7			
Alaska.....	7.6	8.5	6			
Ariz.....	360	374	378	110	116	60
Ark.....	5.3	5.1	4.9			
Calif.....	948	900	915	182	213	200
Colo.....	520	500	450	400	330	360
Conn.....	5	5.4	5.1			
Del.....	1.8	1.9	1.7			
Fla.....	4.1	4.5	4			
Ga.....	5.3	3.7	3.2			
Idaho.....	520	490	525		15	11
Ill.....	170	162	167	25	18	17
Ind.....	170	175	165	10	12	11
Iowa.....	320	318	300	65	70	70
Kans.....	130	140	140	35	33	55
Ky.....	33	30	28			
La.....	13	13	13			
Maine.....	11	11	12			
Md.....	18	18	19			
Mass.....	7.2	6.7	6.8			
Mich.....	110	115	108	28	34	30
Minn.....	245	210	203	70	65	52
Miss.....	5.8	5.4	4.5			
Mo.....	119	115	112	35	19	19
Mont.....	520	490	470	75	90	90
Nebr.....	120	100	152	90	90	85
Nev.....	130	120	110	23	13	4
N.H.....	6.6	6.5	6.5			
N.J.....	8.6	8.3	8.3			
N. Mex.....	567	536	546	23	24	25
N.Y.....	62	60	58	8	9	8
N.C.....	10	9	9			
N. Dak.....	178	174	165	53	62	48
Ohio.....	382	380	310	73	65	60
Okla.....	65	59	68	13	13	13
Oreg.....	530	510	510	90	85	100
Pa.....	120	100	80			
R.I.....	2.5	2.1	2			
S.C.....	1.3	1.3	1.3			
S. Dak.....	650	625	670	66	34	34
Tenn.....	19	17	15			
Tex.....	2,412	2,360	2,310	188	160	150
Utah.....	568	560	470	22	20	21
Vt.....	6.9	7.1	7.4			
Wash.....	163	164	172			
Wash.....	72	64	66	6	10	6
W. Va.....	115	125	120			
Wis.....	83	72	73	13	8	9
Wyo.....	1,103	1,071	1,010	165	135	195
U.S.....	11,427	11,035	10,774	1,894	1,731	1,613

<sup>1</sup> Preliminary.<sup>2</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 486.—Sheep: Number in specified countries, 1976-78<sup>1</sup>

Continent and country	1976	1977	1978 <sup>2</sup>	Continent and country	1976	1977	1978 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
<b>North America:</b>				<b>Europe—Con.</b>			
Canada.....	505	463	455	Bulgaria.....	10,014	9,725	9,845
Dominican Republic.....	27	27	27	Czechoslovakia.....	805	790	783
El Salvador.....	4	4	4	German Dem. Rep.....	1,883	1,870	1,869
Guatemala.....	520	510	500	Hungary.....	2,030	2,348	2,485
Honduras.....	5	5	5	Poland.....	2,794	3,018	3,293
Mexico.....	5,300	5,000	4,900	Romania.....	13,865	14,327	14,000
United States <sup>3</sup> .....	13,311	12,766	12,387	Yugoslavia.....	7,831	7,484	7,104
<b>Total.....</b>	<b>19,672</b>	<b>18,774</b>	<b>18,278</b>	<b>Total Eastern Europe.....</b>	<b>39,230</b>	<b>39,562</b>	<b>39,328</b>
<b>South America:</b>				<b>Total Europe.....</b>	<b>111,775</b>	<b>112,503</b>	<b>114,169</b>
Argentina.....	38,000	37,500	37,200	<b>Soviet Union.....</b>	<b>141,436</b>	<b>139,700</b>	<b>140,352</b>
Brazil.....	17,300	17,200	17,200	<b>Africa:</b>			
Chile.....	5,006	5,700	5,700	South Africa.....	31,789	31,850	31,875
Colombia.....	2,036	2,158	2,287	<b>Total.....</b>	<b>31,789</b>	<b>31,850</b>	<b>31,875</b>
Ecuador.....	2,147	2,174	2,198	<b>Asia:</b>			
Peru.....	15,000	14,500	14,000	China, Rep. of.....	1	1	1
Uruguay.....	15,655	17,839	18,800	India.....	40,000	40,352	40,700
Venezuela.....	103	104	105	Iran.....	33,500	30,000	32,000
<b>Total.....</b>	<b>95,847</b>	<b>97,175</b>	<b>97,490</b>	Israel.....	230	214	210
<b>Europe:</b>				Japan.....	10	11	10
Belgium-Luxembourg.....	83	82	83	Korea, Rep. of.....	5	6	7
Denmark.....	59	57	59	Philippines.....	2	2	2
France.....	10,803	10,915	11,200	Turkey.....	41,368	41,804	41,850
Germany, Fed. Rep. of.....	1,087	1,091	1,100	<b>Total.....</b>	<b>115,114</b>	<b>112,090</b>	<b>114,580</b>
Ireland.....	2,503	2,443	2,353	<b>Oceania:</b>			
Italy.....	8,152	8,445	8,661	Australia.....	148,643	135,350	129,500
Netherlands.....	780	788	800	New Zealand.....	56,400	58,800	60,000
United Kingdom.....	19,538	19,850	21,200	<b>Total.....</b>	<b>205,043</b>	<b>194,150</b>	<b>189,500</b>
<b>Total EC.....</b>	<b>43,003</b>	<b>43,711</b>	<b>45,456</b>	<b>Total selected countries.....</b>	<b>720,646</b>	<b>706,242</b>	<b>706,244</b>
<b>Austria.....</b>	<b>169</b>	<b>174</b>	<b>178</b>				
<b>Finland.....</b>	<b>54</b>	<b>55</b>	<b>55</b>				
<b>Greece.....</b>	<b>8,340</b>	<b>8,135</b>	<b>8,300</b>				
<b>Norway.....</b>	<b>811</b>	<b>860</b>	<b>877</b>				
<b>Portugal.....</b>	<b>3,657</b>	<b>2,657</b>	<b>3,657</b>				
<b>Spain.....</b>	<b>15,745</b>	<b>15,590</b>	<b>15,558</b>				
<b>Sweden.....</b>	<b>389</b>	<b>391</b>	<b>385</b>				
<b>Switzerland.....</b>	<b>377</b>	<b>368</b>	<b>365</b>				
<b>Total Western Europe.....</b>	<b>72,545</b>	<b>72,941</b>	<b>74,841</b>				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 487.—Lamb crop: Number of lambs saved and number as percentage of ewes 1 year old and older, by States, 1975-77 <sup>1</sup>

State	1975		1976		1977 <sup>2</sup>	
	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Ala.	3	88	2.6	100	2.6	108
Alaska	1	17	.4	11	1	32
Ariz.	223	79	203	71	200	67
Ark.	4	100	3.6	106	4.3	123
Calif.	799	91	738	91	700	91
Colo.	490	104	465	103	452	106
Conn.	4.3	105	4.4	119	4.4	110
Del.	1.3	108	1.4	108	1.3	93
Fla.	2.7	87	2.8	93	2.5	81
Ga.	1.8	75	1.6	73	1.7	71
Idaho	560	112	529	115	491	117
Ill.	166	111	148	113	139	112
Ind.	150	112	146	112	154	114
Iowa	320	109	290	112	292	112
Kans.	147	108	120	107	126	110
Ky.	40	125	34	131	28	117
La.	9	90	8	89	9	100
Maine	8.8	110	114.7	110	8	114
Md.	15	115	15	114	15	107
Mass.	5.5	108	5.6	106	5.7	116
Mich.	108	110	99	111	103	113
Minn.	285	116	237	117	214	124
Miss.	3.8	84	3.7	93	3.5	95
Mo.	130	111	112	115	111	123
Mont.	471	102	420	101	375	101
Nebr.	145	108	110	110	100	120
Nev.	110	95	102	92	96	95
N.H.	5.3	108	5.2	106	5.5	115
N.J.	7.4	106	6.8	113	6.8	113
N. Mex.	400	91	345	76	322	75
N.Y.	57	104	53	108	52	111
N.C.	8	100	7.4	106	6.8	105
N. Dak.	201	116	163	114	170	123
Ohio	347	106	318	104	324	107
Okl.	90	109	87	104	84	110
Oreg.	329	109	319	110	279	113
Pa.	100	106	98	105	78	104
R.I.	1.1	61	1.1	85	1.3	81
S.C.	.9	90	.8	89	.8	89
S. Dak.	682	111	684	124	553	128
Tenn.	16	94	14	93	12	92
Tex.	1,710	88	1,400	74	1,450	78
Utah	302	90	433	90	428	90
Vt.	5.7	119	6	118	6.2	122
Va.	167	120	157	123	155	120
Wash.	70	113	70	121	53	108
W. Va.	114	112	103	112	111	112
Wis.	82	111	75	114	79	139
Wyo.	789	80	763	86	718	86
U.S.	9,657	98	8,688	95	8,605	97

<sup>1</sup> Lambs saved defined as lambs living July 1, or sold before July 1 in the native States, and lambs docked or branded in the Western States.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 488.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1963-77

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Shipped in		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding <sup>3</sup>	Sheep	Lambs <sup>4,5</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1963.....	18,516	3,720	17,956	620	4,982	113	212
1964.....	16,994	3,437	16,757	735	4,838	107	193
1965.....	16,312	2,454	15,213	-----	5,165	-----	294
1966.....	15,881	2,785	14,674	-----	4,679	-----	268
1967.....	15,017	2,911	13,993	-----	4,030	-----	245
1968.....	14,443	2,298	13,448	-----	4,035	-----	237
1969.....	13,723	2,282	12,873	-----	4,119	-----	233
1970.....	13,465	1,983	12,840	-----	4,032	-----	249
1971.....	12,998	2,302	12,637	-----	4,004	-----	236
1972.....	12,599	2,170	12,383	-----	3,976	-----	224
1973.....	11,890	2,198	10,879	-----	3,275	-----	202
1974.....	10,509	2,172	9,868	-----	2,629	-----	217
1975.....	9,857	1,771	8,967	-----	2,343	-----	212
1976.....	8,888	1,445	8,071	-----	2,466	-----	197
1977 <sup>6</sup> .....	8,005	1,410	7,461	-----	2,173	-----	199

  

Year	Quantity produced (live weight) <sup>7</sup>	Value of production <sup>8</sup>	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>9</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1963.....	1,403,141	230,879	312,367	3,461	315,828	63,162	5.76	18.10
1964.....	1,330,607	235,756	318,176	3,407	321,583	69,685	6.00	19.90
1965.....	1,217,139	257,160	328,609	3,865	332,474	73,653	6.34	22.80
1966.....	1,249,097	261,185	333,624	4,525	338,149	71,324	6.84	23.40
1967.....	1,183,596	231,020	301,660	4,212	305,872	64,682	6.35	22.10
1968.....	1,166,190	256,616	315,180	4,559	319,739	60,561	6.58	24.40
1969.....	1,065,074	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970.....	1,096,385	280,373	323,746	5,691	339,437	(*)	7.82	26.40
1971.....	1,070,502	280,159	322,982	5,399	328,381	-----	6.56	25.90
1972.....	1,004,102	271,434	353,803	5,725	359,528	-----	7.26	29.10
1973.....	895,776	293,732	389,585	6,895	396,480	-----	12.90	35.10
1974.....	806,765	272,048	368,747	7,870	376,617	-----	11.30	37.00
1975.....	781,120	303,422	385,210	8,473	393,683	-----	11.30	42.10
1976.....	732,765	314,919	391,672	9,056	400,728	-----	13.20	46.90
1977 <sup>6</sup> .....	698,428	319,991	389,103	9,967	399,070	-----	13.40	51.30

<sup>1</sup> Lambs saved during the year. <sup>2</sup> Includes animals custom slaughtered for use on farms where produced, but excludes inter-farm sales within the State. <sup>3</sup> Beginning 1965, sheep and lambs combined. <sup>4</sup> Beginning 1966, excludes custom slaughter. <sup>5</sup> Preliminary. <sup>6</sup> Adjustments made for changes in inventory and for insipiments. <sup>7</sup> Receipts from marketings and sale of farm-slaughtered meat. <sup>8</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. <sup>9</sup> Discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1973*, table 492.

Table 489.—Sheep and lambs: Average price per 100 pounds at Omaha, 1963-77<sup>1</sup>

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1963.....	4.69	5.17	4.89	19.85	20.09	19.95	1971.....	5.04	4.93	4.99	28.16	28.48	28.29
1964.....	4.88	5.20	5.01	21.29	22.82	21.93	1972.....	6.16	5.40	7.09	30.80	35.47	32.75
1965.....	4.89	6.22	6.03	23.88	26.20	24.85	1973.....	11.96	12.81	12.64	36.41	38.70	37.37
1966.....	5.72	5.80	6.01	23.14	31.79	27.10	1974.....	6.98	7.80	7.32	40.46	42.10	41.15
1967.....	5.82	5.94	5.86	24.80	35.20	24.97	1975.....	8.75	11.92	10.07	45.14	51.44	47.77
1968.....	5.84	7.78	6.65	27.50	37.25	27.78	1976.....	9.95	11.83	10.78	48.39	50.50	47.53
1969.....	7.86	8.05	7.94	28.97	27.98	28.55	1977.....	10.82	13.75	12.04	53.30	64.43	57.94
1970.....	7.07	5.80	6.54	27.95	26.03	26.92							

See footnotes on page 330.

Table 490.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1977 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	0.4	0.5		0.3	123	36	25	8	33
Alaska				0.5	( <sup>6</sup> )		8	9	18
Ark.	36	189	93	62	18,315	7,700	10,766	1,964	12,734
Ariz.	7	1.7		3	232	82	78	12	88
Calif.	88	706	210	15	61,639	28,565	34,122	977	35,099
Colo.	107	1,024	796	7	67,029	34,609	63,067	436	63,523
Conn.	8	2.2		6	231	133	87	60	147
Del.	3	8		1	89	41	37	6	43
Fla.	8	9		5	137	44	34	17	81
Ga.	4	2		5	44	13	6	23	28
Idaho	27	374	28	10	43,876	20,178	18,920	863	19,822
Ill.	16	100	15	2	11,311	4,250	4,489	202	4,691
Ind.	29	80	3	4	9,270	3,370	3,468	340	3,808
Iowa	31	298	98	4	26,296	13,258	16,784	386	17,170
Kans.	9	163	93	1	11,821	5,570	7,351	66	7,417
Ky.	7	17	2	1	2,136	882	890	75	935
La.	1.0	3		2.0	490	175	111	64	175
Maine	1.0	3		1.0	562	259	117	107	224
Md.	2	7		1.0	1,633	417	306	65	373
Mass.	8	3.4		4	343	208	150	46	196
Mich.	15	75		1.0	7,550	3,488	3,825	74	3,899
Minn.	44	180	34	2	18,851	8,622	10,204	148	10,352
Miss.	1.3	1.6		2	179	63	72	10	82
Mo.	11	70	3	2	7,663	3,465	3,492	152	3,644
Mont.	59	210	18	3	22,183	8,834	10,718	147	10,865
Nebr.	15	139	146	1.0	11,924	5,479	8,269	80	8,349
Nev.	11	137	69	3	6,727	3,259	5,955	101	6,054
N.H.	7	2.9		5	311	178	122	56	178
N.J.	1.3	3		7	348	159	100	27	157
N. Mex.	95	215	174	33	14,534	7,739	10,469	953	11,422
N.Y.	6	34	4	3	3,192	1,422	1,437	187	1,624
N.C.	1.6	2.9		7	505	140	108	34	142
N. Dak.	29	133	12	1.0	12,693	5,779	6,603	82	6,685
Ohio	107	235	6	2	24,837	10,591	12,738	98	12,836
Okl.	12	44	22		4,560	2,009	2,144		2,144
Oreg.	17	207	35	5	23,312	10,752	10,815	523	11,338
Pa.	17	52		2	3,939	1,983	2,387	103	2,490
R.I.	2	6		2	67	36	22	21	43
S.C.	2	2		1	47	14	9	5	14
S. Dak.	57	509	79	6	57,849	27,152	27,629	432	28,061
Tenn.	4	6	1		604	282	296		296
Tex.	312	1,051	125	2	117,170	49,849	55,186	103	55,289
Utah	18	396	30	5	28,002	17,168	19,998	222	20,220
Vt.	5	3.2		5	398	202	143	58	201
Va.	7	106	6	2	10,382	4,643	4,624	146	4,770
Wash.	4	32	6	4	2,155	1,414	1,707	195	1,905
W. Va.	19	71	1	1.0	7,805	3,195	3,220	65	3,285
Wis.	3	65	7	1.0	6,500	2,946	2,980	145	3,125
Wyo.	214	497	56	4	49,285	19,428	23,063	242	23,305
U.S.	1,410	7,461	2,173	199	698,425	319,991	389,103	9,967	399,070

<sup>1</sup> Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State.<sup>2</sup> Excludes animals custom slaughtered for farmers at commercial establishments.<sup>3</sup> Adjustments made for changes in inventory and for shipments.<sup>4</sup> Receipts from marketings and sale of farm-slaughtered meat.<sup>5</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.<sup>6</sup> Decrease in inventory and large death loss of sheep resulted in a deficit in number of pounds produced.

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## FOOTNOTES FOR TABLE 490

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.Agricultural Marketing Service. Data for 1958-62 in *Agricultural Statistics, 1978*, table 409.

Table 491.—Sheep and lambs: Receipts at selected public stockyards, 1963-77<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	143	1,565	711	633	610	231	368	850	442	3,332	8,905
1964.....	153	1,163	619	507	567	164	330	804	362	2,924	7,593
1965.....	136	989	489	438	424	121	203	616	310	2,443	6,169
1966.....	137	758	424	411	401	111	226	625	302	3,029	6,424
1967.....	172	488	557	206	370	96	215	589	250	2,729	5,672
1968.....	167	362	444	165	236	90	257	549	195	2,574	4,979
1969.....	60	191	393	118	190	81	277	491	171	2,300	4,251
1970.....	24	137	351	69	134	86	253	333	153	2,155	3,695
1971.....	46	104	144	55	123	77	97	238	104	1,931	2,579
1972.....		9	17	43	111	60	83	228	107	1,895	2,583
1973.....		(9)	12	36	97	41	67	243	102	1,779	2,377
1974.....			10	29	88	35	52	254	96	1,879	2,245
1975.....			7	22	81	29	41	247	81	1,394	1,902
1976.....			5	10	76	28	36	218	55	1,325	1,707
1977.....			4	14	73	25	36	185	47	1,247	1,611

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards.<sup>2</sup> Rounded totals of complete figures.<sup>3</sup> The number of stockyards reporting varies from 42 to 68.<sup>4</sup> Market closed Aug. 1, 1971.<sup>5</sup> Data no longer reported.Agricultural Marketing Service. Compiled from reports received from stockyard companies. Data for 1955-62 in *Agricultural Statistics, 1972*, table 494.Table 492.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1977<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
Ala.....	0.2	14	82	N. Mex.....	85.7	9,893	115
Ark.....	1.5	151	103	N.Y.....	30.6	5,124	101
Aris.....	.4	42	105	N.C.....	.6	55	100
Calif.....	1,296.9	138,839	109	N. Dak.....	.8	94	111
Colo.....	1,417.8	158,715	112	Ohio.....	40.2	3,964	99
Del. and Md.....	37.8	3,837	102	Okl.....	2.8	289	102
Fla.....	.3	21	72	Oreg.....	31.6	3,344	106
Ga.....	.1	13	84	Pa.....	135.4	13,378	99
Idaho.....	5.9	647	110	S.C.....	.1	14	100
Ill.....	383.0	40,666	106	S. Dak.....	285.0	30,613	107
Ind.....	7.7	634	83	Tenn.....	.7	62	88
Iowa.....	306.8	32,751	107	Tex.....	980.3	98,882	101
Kans.....	4.1	433	105	Utah.....	24.1	2,692	112
Ky.....	12.5	1,249	100	Va.....	2.6	261	101
La.....	3.4	290	84	Wash.....	230.7	26,301	114
Mich.....	327.9	34,836	106	W. Va.....	1.1	114	109
Minn.....	277.8	31,587	114	Wis.....	5.4	533	98
Mo.....	15.6	1,520	97	Wyo.....	2.7	306	113
Mont.....	2.1	204	97	N. Eng. <sup>2</sup> .....	11.9	1,084	91
Nebr.....	195.3	21,788	112				
Nev.....	2.3	243	106	U.S.....	8,355.8	686,439	108
N.J.....	191.3	20,887	109				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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## FOOTNOTES FOR TABLE 495

<sup>1</sup> Totals are based on unrounded numbers. In recent years, the carcass weight of sheep and lambs has averaged about 49 percent of the live weight.<sup>2</sup> Discontinued as of January 1977.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-62 in *Agricultural Statistics, 1972*, table 498.

Table 493.—Sheep and lambs: Number slaughtered, United States, 1963-77

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	13,955	1,867	15,822	325	16,147	1971.....	10,256	473	10,729	238	10,968
1964.....	12,947	1,647	14,595	300	14,895	1972.....	9,905	396	10,301	224	10,525
1965.....	11,710	1,297	13,006	294	13,300	1973.....	9,234	363	9,597	202	9,799
1966 <sup>2</sup> .....	11,553	1,184	12,737	268	13,005	1974.....	8,556	291	8,847	217	9,064
1967.....	11,516	1,275	12,791	245	13,036	1975.....	7,552	283	7,835	212	8,047
1968.....	10,888	996	11,884	237	12,121	1976.....	6,474	240	6,714	197	6,911
1969.....	10,070	621	10,691	233	10,924	1977.....	6,133	223	6,356	199	6,555
1970.....	10,010	542	10,552	249	10,801						

<sup>1</sup> Totals are based on unrounded numbers.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1978*, table 496.

Table 494.—Sheep and lambs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1963-77

Year	Number		Percentage of total		Year	Number		Percentage of total	
	Lambs and yearlings	Sheep	Lambs and yearlings	Sheep		Lambs and yearlings	Sheep	Lambs and yearlings	Sheep
	Thousands	Thousands	Percent	Percent		Thousands	Thousands	Percent	Percent
1963.....	13,171	784	94.4	5.6	1971.....	9,437	819	92.0	8.0
1964.....	12,231	717	94.5	5.5	1972.....	9,229	677	93.2	6.8
1965.....	11,063	646	94.5	5.5	1973.....	8,426	808	91.2	8.8
1966.....	10,795	758	93.4	6.6	1974.....	7,987	569	93.3	6.7
1967.....	10,735	751	93.2	6.8	1975.....	6,963	558	92.6	7.4
1968.....	10,198	690	93.7	6.3	1976.....	6,058	415	93.6	6.4
1969.....	9,340	728	92.6	7.2	1977.....	5,643	489	92.0	8.0
1970.....	9,298	711	92.9	7.1					

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 497.

Table 495.—Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1963-77

Year beginning May	Number slaughtered <sup>1</sup>			Average live weight			Average cost per 100 pounds, live weight		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1963.....	8,228	5,468	13,696	96	102	98	18.43	19.67	18.95
1964.....	7,531	4,940	12,471	96	103	99	20.39	22.46	21.25
1965.....	6,913	4,607	11,520	98	105	101	22.94	25.79	24.13
1966.....	6,949	4,911	11,860	101	105	102	21.84	21.56	21.72
1967.....	6,640	4,421	11,061	99	105	102	22.39	24.19	23.13
1968.....	6,504	4,264	10,768	100	107	103	24.38	26.76	25.35
1969.....	5,840	4,157	9,997	102	108	104	26.60	27.53	27.00
1970.....	5,803	4,375	10,178	102	107	104	25.75	24.56	25.23
1971.....	5,883	4,182	10,065	102	108	104	26.43	28.27	27.22
1972.....	5,819	3,686	9,505	104	109	106	29.37	37.16	32.39
1973.....	5,687	3,527	9,214	106	110	108	33.73	37.60	35.30
1974.....	5,046	3,103	8,149	102	106	104	38.20	41.78	39.07
1975.....	4,490	2,810	7,300	104	110	106	42.39	48.21	44.73
1976.....	3,714	2,612	6,326	108	113	110	44.60	(?)	(?)
1977.....	3,614	.....	.....	105	.....	.....	(?)	.....	.....

See footnotes on page 331.

Table 496.—Livestock: Average price per 100 pounds received by farmers, by States, 1976 and 1977

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1976	1977	1976	1977	1976	1977	1976	1977
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.....	23.70	23.60	31.40	31.20	28.60	28.40	29.20	32.10
Alaska.....	40.70	44.00	51.10	55.00	45.50	49.00	35.00	35.00
Aris.....	25.40	24.30	37.90	39.10	36.70	37.80	34.10	37.50
Ark.....	23.70	23.70	33.70	33.90	31.00	31.80	31.80	34.00
Calif.....	25.30	24.60	38.20	38.80	35.60	36.00	31.70	33.60
Colo.....	25.90	25.60	38.60	39.30	38.10	38.90	38.80	40.70
Conn.....	25.60	25.70	30.50	30.70	25.40	26.00	30.00	35.50
Del.....	24.90	25.30	35.80	35.80	29.30	29.70	35.40	35.40
Fla.....	24.30	24.60	32.60	33.10	28.90	29.60	30.20	32.60
Ga.....	23.40	23.50	29.70	31.80	27.00	28.20	30.50	32.10
Hawaii.....	22.20	21.60	33.40	34.20	31.30	31.70	31.00	40.00
Idaho.....	26.20	25.50	37.00	38.10	35.80	36.60	38.10	39.00
Ill.....	24.40	24.70	37.20	38.10	35.90	36.60	35.30	38.70
Ind.....	24.80	24.70	36.40	37.50	34.50	35.40	32.50	36.30
Iowa.....	24.90	24.90	37.30	38.00	35.50	37.20	36.10	37.80
Kans.....	24.80	24.30	36.00	36.70	34.40	35.00	35.40	36.00
Ky.....	24.70	23.50	33.50	34.30	31.40	31.60	34.60	37.00
La.....	23.30	23.20	33.00	34.20	27.60	28.10	34.20	36.10
Maine.....	25.30	26.40	30.30	31.50	25.80	25.80	30.20	36.20
Md.....	24.90	25.30	35.80	35.80	29.30	29.70	38.40	38.00
Mam.....	25.40	25.50	29.90	30.50	26.00	26.20	28.50	35.20
Mich.....	25.60	25.30	38.00	37.90	33.00	32.80	35.40	38.80
Minn.....	25.90	26.10	36.40	37.60	31.60	31.60	33.40	35.80
Miss.....	23.00	23.50	30.60	33.70	26.80	28.90	30.80	36.70
Mo.....	23.20	23.40	35.10	36.30	33.30	33.50	33.80	36.90
Mont.....	22.90	23.90	34.60	37.30	31.20	33.70	36.30	41.40
Nebr.....	24.90	25.00	37.60	38.90	35.50	37.20	38.90	40.30
Nev.....	22.30	23.60	35.10	37.30	33.20	35.20	34.80	37.80
N.H.....	24.80	25.30	29.80	30.50	25.30	25.80	30.10	36.80
N.J.....	25.90	24.80	31.60	35.50	26.80	26.20	37.10	37.90
N. Mex.....	23.70	23.70	37.30	39.70	36.30	38.50	32.40	36.70
N.Y.....	25.40	25.00	32.40	33.60	26.40	26.20	34.50	37.50
N.C.....	23.30	23.40	30.50	30.60	26.90	26.70	34.40	34.80
N. Dak.....	24.10	24.40	35.90	37.00	35.20	34.20	37.30	40.00
Ohio.....	24.90	25.10	36.90	37.60	34.10	34.60	41.20	42.00
Okla.....	24.00	23.90	36.00	37.00	33.00	33.20	35.10	38.30
Oreg.....	24.60	24.00	35.70	35.60	32.90	33.00	31.90	34.70
Pa.....	26.10	25.70	37.00	37.70	31.90	32.00	42.40	45.70
R.I.....	24.90	25.20	30.50	30.50	25.50	26.00	29.00	37.60
S.C.....	24.20	23.90	30.80	31.80	27.60	27.90	29.40	31.60
S. Dak.....	25.30	26.20	37.70	39.20	36.10	37.50	38.60	40.90
Tenn.....	23.20	23.10	33.40	34.60	29.50	26.20	34.60	37.10
Tex.....	23.60	23.30	36.10	36.40	32.90	33.20	33.10	34.70
Utah.....	24.60	24.70	34.60	36.30	29.80	32.60	35.10	37.60
Vt.....	24.50	24.50	29.40	29.50	24.90	25.80	29.30	35.00
Va.....	23.70	23.70	31.00	31.90	27.30	27.80	35.60	37.00
Wash.....	25.10	24.40	37.10	36.70	33.90	34.40	34.50	37.30
W. Va.....	23.40	22.80	27.80	29.70	28.20	27.10	31.70	34.50
Wis.....	25.30	25.10	34.60	35.40	27.60	27.60	37.10	41.30
Wyo.....	25.30	26.30	36.60	38.30	33.90	35.90	39.50	42.80
U.S.....	24.50	24.30	36.50	37.30	33.70	34.40	34.30	36.90

See footnotes at end of table.



Table 496.—Livestock: Average price per 100 pounds received by farmers, by States, 1976 and 1977—Continued

State	Hogs <sup>1</sup>		Sheep		Lambs	
	1976	1977	1976	1977	1976	1977
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.....	43.80	38.30	14.70	14.00	43.60	46.00
Alaska.....	60.00	62.00	25.00	30.00	45.00	50.00
Aris.....	45.30	42.00	10.80	11.70	49.10	51.90
Ark.....	43.00	37.80	11.00	11.50	40.00	48.00
Calif.....	45.90	41.00	13.30	10.70	49.20	50.10
Colo.....	43.30	35.70	12.80	15.80	45.60	53.40
Conn.....	45.00	37.00	28.00	28.00	70.00	72.00
Del.....	44.20	38.90	15.00	12.30	44.00	45.40
Fla.....	42.40	37.90	12.00	13.00	35.00	40.00
Ga.....	42.70	37.00	14.00	14.00	42.00	46.00
Hawaii.....	64.30	60.90				
Idaho.....	43.70	38.00	13.10	13.80	45.50	49.80
Ill.....	43.00	39.20	11.70	11.60	41.30	45.90
Ind.....	44.40	40.80	11.30	11.40	40.10	46.10
Iowa.....	43.00	39.60	11.00	10.10	46.20	55.00
Kans.....	44.10	40.00	10.00	10.10	45.40	49.20
Ky.....	44.10	39.10	12.00	10.30	46.80	48.60
La.....	42.30	36.60	14.50	15.00	46.00	50.00
Maine.....	45.00	37.00	24.00	25.00	66.00	67.00
Md.....	44.20	38.90	15.00	12.30	44.00	48.00
Mass.....	45.00	37.00	28.00	29.00	72.00	72.00
Mich.....	44.70	40.50	13.70	13.50	47.80	51.60
Minn.....	42.00	39.10	13.20	14.30	46.80	52.70
Miss.....	43.50	39.60	12.00	14.00	40.00	46.00
Mo.....	44.20	39.70	11.30	11.30	46.00	50.70
Mont.....	42.80	37.50	9.90	11.50	43.80	50.70
Nebr.....	42.40	39.40	11.50	11.80	46.70	52.40
Nev.....	44.90	41.10	12.20	13.10	43.00	48.00
N.H.....	45.00	37.00	24.00	26.00	69.00	70.00
N.J.....	44.10	38.20	19.50	18.50	41.00	45.00
N. Mex.....	45.40	40.80	12.10	13.30	45.50	53.10
N.Y.....	44.40	38.00	16.50	12.90	43.70	48.70
N.C.....	44.50	39.10	14.00	14.00	38.00	36.00
N. Dak.....	42.00	38.10	9.60	10.30	41.60	49.50
Ohio.....	43.90	39.70	13.80	14.00	45.00	49.50
Okl.....	43.10	39.40	9.80	10.00	45.90	47.50
Oreg.....	45.80	38.10	12.30	11.40	43.20	49.80
Pa.....	44.30	39.10	13.80	14.30	48.70	48.30
R.I.....	45.00	37.00	28.00	28.00	70.00	70.00
S.C.....	42.50	38.10	13.00	14.00	40.00	44.00
S. Dak.....	42.80	39.80	12.10	12.80	45.70	52.80
Tenn.....	42.90	38.90	12.20	11.90	43.20	45.20
Tex.....	41.50	38.00	16.70	16.30	50.30	52.30
Utah.....	42.90	38.60	10.90	10.80	43.70	50.00
Vt.....	45.00	37.00	24.00	25.00	66.00	67.00
Wash.....	43.90	38.70	11.00	11.60	44.70	48.00
W. Va.....	45.80	38.30	10.30	9.40	45.60	50.20
Wis.....	44.10	38.50	11.70	11.80	42.20	46.50
Wyo.....	42.50	38.90	10.70	10.60	41.20	48.20
U.S.....	43.30	39.40	13.20	13.40	46.90	51.30

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.<sup>2</sup> Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls for slaughter.<sup>3</sup> December of preceding year through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 497.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1963-77

Year	Sheep and lambs shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds
1963.....	27,364	8.53	232,446	48.4	112,426	3.32	25,800
1964.....	25,455	8.34	212,333	53.2	112,877	3.41	25,100
1965.....	23,756	8.48	201,463	47.1	94,999	3.37	23,300
1966.....	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967.....	22,056	8.57	188,984	39.8	75,177	3.44	22,400
1968.....	20,739	8.55	177,396	40.5	71,778	3.43	20,500
1969.....	19,384	8.46	165,749	41.8	69,516	3.46	17,100
1970.....	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971.....	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972.....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973.....	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974.....	15,956	8.23	131,382	59.2	77,788	3.31	5,700
1975.....	14,403	8.30	119,535	44.7	53,505	3.35	5,300
1976.....	13,689	8.11	110,817	55.7	73,148	3.34	4,000
1977 <sup>4</sup> .....	13,191	8.11	106,927	72.0	77,010	3.30	1,700

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>5</sup>
		Domestic production <sup>6</sup>	Exports, domestic wool	Imports for consumption <sup>6</sup>	Total new supply <sup>7</sup>	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1963.....	261,346	126,201	175	106,196	235,222	167,962
1964.....	237,433	119,581	116	98,415	217,880	113,932
1965.....	224,763	113,084	617	162,837	275,104	108,943
1966.....	219,153	110,009	86	162,537	273,060	114,625
1967.....	211,384	106,475	102	109,071	215,444	78,205
1968.....	197,896	99,563	543	129,717	228,737	119,599
1969.....	182,849	91,528	196	93,823	184,855	85,664
1970.....	176,787	85,158	200	79,810	167,768	75,328
1971.....	172,156	85,143	6,318	42,682	131,507	83,893
1972.....	168,206	82,875	11,224	24,790	96,441	71,849
1973.....	151,738	75,111	3,726	19,887	90,722	40,524
1974.....	137,082	67,578	4,271	11,900	75,107	15,146
1975.....	124,835	60,882	7,674	16,572	69,780	17,021
1976.....	114,817	55,776	1,130	38,387	93,033	19,076
1977 <sup>4</sup> .....	106,627	54,702	385	34,175	88,492	15,780

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> Average price relates to April-December marketing season for 1963, and calendar year from 1964 to date. Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>3</sup> Production by States multiplied by annual average price.

<sup>4</sup> Preliminary.

<sup>5</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—45 percent in 1963, 47.7 percent from 1964 to 1976, and 50.0 percent in 1977; pulled wool production—75 percent in 1963, and 72.9 percent from 1964 to date.

<sup>6</sup> Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

<sup>7</sup> Production minus exports plus imports; stocks not taken into consideration.

<sup>8</sup> Beginning 1965, includes carpet wool exports.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Imports and exports from reports of the U.S. Department of Commerce. Data for 1945-62 in *Agricultural Statistics, 1978*, table 502.

Table 498.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1975-77

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Value of production <sup>4</sup>		
	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>	1975	1976	1977 <sup>3</sup>
Ala.	Thousands 2.6	Thousands 2.6	Thousands 1.1	Pounds 4.4	Pounds 4.4	Pounds 4.4	1,000 pounds 23	1,000 pounds 20	1,000 pounds 19	Cents 32	Cents 32	Cents 32	1,000 dollars 7	1,000 dollars 11	1,000 dollars 12
Alaska	0.5	0.5	0.5	10.3	9.9	10.5	67	61	44	89	88	88	60	45	44
Ariz.	480	430	344	7.3	6.7	7.2	3,292	2,675	2,423	32	33	33	1,050	1,405	1,405
Ark.	4.6	4.5	4.6	7.5	7.8	7.7	3.35	3.4	3.33	29	31	31	10	17	21
Calif.	1,370	1,270	1,291	7.9	7.5	7.8	10,883	9,857	9,925	45	46	46	4,897	5,006	7,047
Colo.	1,120	1,090	1,200	7.3	7.5	7.7	8,336	8,348	8,809	43	43	43	3,697	5,896	6,166
Conn.	5.0	4.9	5.0	6.8	6.9	7.2	34	34	34	32	32	32	11	11	11
Del.	1.6	1.6	1.7	4.2	4.2	5.4	17	17	19	34	34	34	4	4	4
Fla.	2.6	2.8	2.6	6.1	6.1	6.0	19	17	16	32	32	32	6	11	11
Ga.	3.1	3.1	3.1	10.7	10.7	10.8	5,955	5,562	5,251	35	35	35	2,094	3,504	3,644
Ill.	301	301	289	7.1	7.1	7.5	1,510	1,428	1,368	28	28	28	424	700	917
Ind.	178	182	182	7.7	7.6	7.6	1,306	1,377	1,386	24	24	24	338	892	859
Iowa	463	435	433	7.7	7.3	7.3	3,554	3,178	3,181	29	31	31	1,031	1,621	2,163
Kans.	195	192	221	8.1	7.7	7.7	1,573	1,483	1,702	39	39	39	613	1,055	1,105
Ky.	28	27	29	7.3	7.3	7.3	204	192	182	32	32	32	24	40	40
La.	14	13	14	6.8	6.8	7.0	69	61	61	35	35	35	24	37	37
Me.	10	10	10	6.9	7.1	7.2	115	121	122	37	37	37	43	74	88
Mass.	6.4	6.7	6.2	7.2	7.2	7.1	46	46	44	31	31	31	14	28	34
Mich.	139	137	143	8.0	7.9	7.8	1,109	1,077	1,111	29	29	29	322	649	744
Minn.	342	300	281	7.1	7.4	7.4	2,417	2,231	1,905	29	29	29	701	1,116	1,257
Miss.	5.5	5.2	4.8	5.3	5.0	5.2	29	26	25	25	25	25	66	66	66
Mo.	167	129	129	7.3	7.4	7.4	1,213	977	4,023	81	73	73	2,693	3,467	3,467
Mont.	591	213	195	7.6	7.6	7.6	1,767	1,491	1,344	33	33	33	2,693	3,467	3,467
Neb.	136	120	110	10.0	10.2	10.2	1,260	1,224	1,122	35	35	35	643	845	707
N.H.	5.3	5.4	6.1	6.8	6.9	7.0	36	37	43	65	65	65	13	24	34
N.J.	7.7	8.0	8.2	7.0	6.5	6.8	54	52	56	35	37	37	19	30	40
N.M.	820	500	496	9.8	9.8	9.8	5,120	4,595	4,056	52	52	52	2,062	3,231	3,296
N.Y.	65	58	58	7.4	7.4	7.2	463	427	405	35	35	35	71	76	76
N.C.	11	8	8	6.3	6.5	6.4	69	69	69	38	38	38	46	46	46
N.Dak.	118	118	118	7.7	7.7	7.7	2,291	1,926	1,741	25	25	25	74	126	126
Ohio	47	47	47	7.9	7.9	7.9	5,631	3,438	3,125	39	39	39	1,069	1,822	2,094
Ore.	71	67	66	7.8	7.7	7.8	5,554	5,515	5,818	36	36	36	1,069	1,822	2,094
Ore.	457	495	460	7.6	7.4	7.4	3,465	3,661	3,601	37	37	37	1,252	2,396	2,483
Pa.	115	100	92	7.0	7.1	7.1	805	710	653	39	39	39	314	436	470
R.I.	2.3	2.4	2.1	7.1	6.8	6.7	16	16	16	28	28	28	4	9	11
S.C.	1.1	1.1	1.3	6.2	6.1	6.0	7	7	7	35	35	35	3,065	4,157	4,532
S.Dak.	778	728	689	9.2	8.9	9.1	7,128	6,496	6,235	34	34	34	17,380	17,380	17,380
Tenn.	16	14	14	7.7	7.7	7.7	33,900	32,000	21,000	63	63	63	14,868	17,380	17,380
Tex.	3,000	3,000	3,000	10.4	10.3	10.6	6,140	5,438	5,438	44	44	44	2,702	3,528	3,528
Utah	3,591	3,529	3,518	10.4	10.3	10.6	6,140	5,438	5,438	44	44	44	2,702	3,528	3,528

	5.0	5.7	6.2	6.9	7.4	8.8	39	42	43	49	64	74	16	27	31
Vt.....	154	150	151	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31
Va.....	87	83	83	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31
Wash.....	123	110	116	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31
W. Va.....	133	110	116	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31
Wyo.....	1,365	1,158	1,189	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31
U.S.....	14,403	13,669	13,191	6.2	6.9	7.4	39	42	43	49	64	74	16	27	31

<sup>1</sup> Includes shearing at commercial feeding yards.

<sup>2</sup> Preliminary.

<sup>3</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

<sup>4</sup> Production multiplied by annual average price.

<sup>5</sup> Monthly price weighted by monthly sales of wool for specified States; the remaining States are averages.

<sup>6</sup> U.S. average price per pound derived using unrounded value and production.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 499.—Wool: Production in specified countries, greasy basis, 1974-76<sup>1</sup>

Continent and country	1974	1975	1976 <sup>2</sup>	Continent and country	1974	1975	1976 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>				<b>U.S.S.R.</b>			
Canada <sup>3</sup> .....	1.8	1.7	1.7		461.0	463.0	450.0
Mexico.....	3.6	3.6	3.6	<b>Africa:</b>			
United States <sup>4</sup> .....	64.7	68.6	62.9	Morocco.....	19.0	20.0	21.0
<b>Total.....</b>	<b>70.1</b>	<b>63.9</b>	<b>58.2</b>	South Africa <sup>5</sup> .....	114.6	114.3	115.0
<b>South America:</b>				<b>Total.....</b>	<b>133.6</b>	<b>134.3</b>	<b>136.0</b>
Argentina.....	183.4	190.2	199.5	<b>Asia:</b>			
Brazil.....	34.4	31.3	31.2	India.....	30.5	31.0	32.0
Chile.....	19.3	20.0	20.0	Iran.....	32.2	32.4	33.3
Peru.....	10.3	10.5	10.6	Iraq.....	17.0	17.7	18.0
Uruguay.....	55.0	60.0	58.2	Mongolia.....	20.4	20.8	21.2
<b>Total.....</b>	<b>302.4</b>	<b>312.0</b>	<b>319.5</b>	Pakistan.....	20.9	21.2	21.5
<b>Europe:</b>				Syria.....	14.2	14.0	14.0
Belgium and Luxembourg... .	.3	.3	.3	Turkey.....	52.4	53.0	54.0
Denmark.....	.2	.2	.2	<b>Total.....</b>	<b>187.6</b>	<b>190.1</b>	<b>194.3</b>
France.....	21.7	21.9	22.1	<b>Oceania:</b>			
Germany, Fed. Rep. of....	4.3	4.4	4.6	Australia.....	793.5	757.4	724.5
Ireland.....	9.8	9.3	8.3	New Zealand.....	294.1	311.8	315.0
Italy.....	11.7	12.7	12.7	<b>Total.....</b>	<b>1,087.6</b>	<b>1,069.2</b>	<b>1,039.5</b>
Netherlands.....	2.3	2.4	2.4	<b>World total<sup>6</sup>.....</b>	<b>2,494.6</b>	<b>2,481.1</b>	<b>2,455.5</b>
United Kingdom.....	49.9	50.3	49.9				
<b>Total EC.....</b>	<b>100.0</b>	<b>101.5</b>	<b>100.5</b>				
<b>Greece.....</b>	<b>8.9</b>	<b>9.1</b>	<b>9.8</b>				
<b>Portugal.....</b>	<b>8.8</b>	<b>8.0</b>	<b>8.5</b>				
<b>Spain.....</b>	<b>34.0</b>	<b>29.0</b>	<b>29.0</b>				
<b>Total Western Europe....</b>	<b>151.8</b>	<b>147.5</b>	<b>147.8</b>				
<b>Bulgaria.....</b>	<b>30.8</b>	<b>30.8</b>	<b>30.6</b>				
<b>German Dem. Rep.....</b>	<b>7.8</b>	<b>8.3</b>	<b>8.5</b>				
<b>Hungary.....</b>	<b>8.3</b>	<b>8.9</b>	<b>8.8</b>				
<b>Poland.....</b>	<b>9.0</b>	<b>9.0</b>	<b>9.8</b>				
<b>Romania.....</b>	<b>30.9</b>	<b>29.9</b>	<b>29.8</b>				
<b>Yugoslavia.....</b>	<b>10.3</b>	<b>10.7</b>	<b>10.3</b>				
<b>Czechoslovakia.....</b>	<b>3.5</b>	<b>3.4</b>	<b>3.4</b>				
<b>Total Eastern Europe....</b>	<b>100.6</b>	<b>101.1</b>	<b>101.1</b>				
<b>Total Europe.....</b>	<b>252.4</b>	<b>248.7</b>	<b>248.9</b>				

<sup>1</sup> Includes shorn wool, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

<sup>6</sup> Totals may not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 500.—Wool: Price-support operations, United States, 1963-77

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>2</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>3</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1963	62	48.5	13.5	34	170	1,034	22.1	5.1	27.2
1964	62	53.2	8.8	38	188	1,240	16.7	3.6	20.3
1965	62	47.1	14.9	60	185	1,207	26.1	6.1	34.2
1966	65	52.1	13.9	52	170	1,201	21.1	5.1	26.2
1967	66	39.8	26.2	105	180	1,150	47.8	9.9	57.7
1968	67	40.5	26.5	106	176	1,114	44.8	9.6	54.4
1969	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973	72	82.7							
1974	72	50.1	12.9	32	95	613	11.6	2.9	14.5
1975	72	44.7	27.3	109	135	871	35.1	5.7	40.8
1976	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977	99	72.0	27.0	108					

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

<sup>2</sup> For unshorn lambs sold.

<sup>3</sup> Unadjusted for weight of unshorn lambs produced.

<sup>4</sup> Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service. Data for 1955-62 in *Agricultural Statistics, 1972*, table 504.

Table 501.—Wool: Average price per pound, clean basis, delivered to United States mills, 1963-77

Year	Territory <sup>1</sup>		Fleece $\frac{1}{2}$ blood good French combing and staple <sup>2</sup>	Australian 64's, 70's good topmaking (in bond, American yield)
	Fine good French combing and staple	$\frac{1}{2}$ blood good French combing and staple		
	Cents	Cents	Cents	Cents
1963	133	120	118	129
1964	140	130	129	139
1965	125	121	119	116
1966	135	125	117	126
1967	122	98	91	115
1968	121	96	84	118
1969	122	96	86	117
1970 <sup>3</sup>	163	89	87	94
1971	66	65	66	80
1972	116	94	93	132
1973	250	167	150	304
1974	176	126	119	217
1975	150	98	86	180
1976 <sup>4</sup>	182	161	126	192
1977	183	161	188	202

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (20.60-22.04 microns) Staple  $2\frac{1}{4}$ " and up and French combing  $2\frac{1}{4}$ "- $2\frac{3}{4}$ ". For fleece  $\frac{1}{2}$  blood good French combing and staple, there are now two designations as follows: 56's (26.40-27.84 microns) and 58's (24.55-26.39 microns) staple  $3\frac{1}{4}$ " and up. An average of the two is given in the price data here.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1950-62 in *Agricultural Statistics, 1972*, table 505.

Table 502.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1968-77<sup>1</sup>

Item	1968	1969 <sup>2</sup>	1970	1971	1972	1973	1974	1975 <sup>3</sup>	1976	1977 <sup>4</sup>
Apparel wool: <sup>5</sup>										
Woolen system: <sup>6</sup>	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
60's and finer.....	29.9	29.6	18.9	14.8	19.9	13.6	10.9	15.7	20.6	22.3
50's up to 60's <sup>7</sup> .....	47.0	44.0	28.8	21.7	26.7	24.7	18.9	25.3	29.2	26.3
45's and coarser.....	6.7	6.3	5.2	3.9	3.6	3.4	3.2	.....	.....	.....
Total.....	83.6	79.9	52.9	40.4	50.2	41.7	33.0	41.0	49.8	48.6
Worsted system:										
60's and finer.....	89.7	82.5	51.6	37.7	54.6	40.2	23.8	34.1	34.9	27.3
Coarser than 60's.....	65.0	56.7	50.0	38.1	37.4	28.0	18.0	19.0	21.9	19.6
Total.....	154.7	139.2	110.6	75.8	92.0	68.2	41.8	53.1	56.8	46.9
Total apparel:										
60's and finer.....	119.6	112.1	70.5	52.5	74.5	53.8	34.8	49.8	55.5	49.6
Coarser than 60's.....	118.7	107.0	93.0	63.7	67.7	56.1	40.1	44.3	51.1	45.9
Total.....	238.3	219.1	163.5	116.2	142.2	109.9	74.9	94.1	106.6	95.5
Carpet wool <sup>7</sup> .....	91.4	93.8	76.6	75.2	76.4	41.4	18.6	15.9	15.1	12.5

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1975, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 503.—Wool: United States imports (for consumption), clean content, by grades, 1968-77<sup>1</sup>

Grade	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977 <sup>2</sup>
Dutiable:	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
56's and finer.....	91.5	89.7	49.4	30.7	21.4	15.7	8.1	13.7	32.7	27.1
46's to 56's.....	22.8	12.5	18.2	7.1	1.1	1.0	.9	.6	1.6	3.2
40's to 46's.....	4.5	3.3	4.2	1.5	.9	.7	.9	.6	.8	.8
Not finer than 40's.....	9.7	7.2	7.4	3.2	1.2	1.9	1.8	1.6	3.1	2.9
Named and similar wools.....	1.2	.8	.6	.2	.2	.3	.1	.1	.1	.2
Total.....	129.7	93.5	79.8	42.7	24.8	19.6	11.8	16.6	38.3	34.2
Duty-free:										
Named and similar wools.....	15.4	11.2	8.9	6.2	7.9	8.7	.5	.9	1.1	1.1
Other wools—										
Not finer than 40's.....	51.3	53.4	44.1	53.3	43.3	26.9	10.3	13.1	14.7	13.9
40's to 44's.....	37.5	23.4	18.1	22.7	16.9	6.9	3.4	2.3	2.3	3.1
44's to 46's.....	15.4	7.7	2.2	1.7	3.7	1.1	.9	.7	1.0	.7
Total.....	119.6	95.7	73.3	83.9	71.8	40.6	15.1	16.9	19.1	18.8

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 504.—Wool (actual weight): International trade, 1973-75

Country	1973		1974		1975 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Canada.....	0.7	2.9	0.4	3.3	0.9	3.4
Mexico.....	3.4	—	—	3.4	—	4.2
United States.....	<sup>2</sup> 1.9	34.8	<sup>2</sup> 1.9	15.3	<sup>2</sup> 3.5	19.4
<b>Total<sup>2</sup></b> .....	<b>2.6</b>	<b>41.2</b>	<b>2.3</b>	<b>22.1</b>	<b>4.4</b>	<b>27.0</b>
<b>South America:</b>						
Argentina.....	70.3	—	30.1	—	74.8	—
Brazil.....	13.7	—	13.1	—	20.0	—
Chile.....	1.5	1.0	2.2	1.5	10.5	1.5
Peru.....	.7	—	.7	—	.7	—
Uruguay.....	21.6	—	20.5	—	37.3	—
<b>Total<sup>2</sup></b> .....	<b>107.8</b>	<b>1.2</b>	<b>81.6</b>	<b>1.5</b>	<b>143.3</b>	<b>1.5</b>
<b>Europe:</b>						
Belgium-Luxembourg.....	11.2	53.0	8.8	43.1	7.7	45.3
Denmark.....	.2	2.4	.2	1.7	.2	2.7
France.....	34.2	121.5	26.3	125.5	35.0	120.1
Germany, Fed. Rep. of.....	7.3	58.9	5.8	47.1	6.8	74.3
Ireland.....	9.9	8.3	6.6	6.4	10.1	6.9
Italy.....	3.9	90.4	2.4	67.0	3.7	79.8
Netherlands.....	1.6	9.6	1.0	7.8	1.8	10.5
United Kingdom.....	21.7	180.8	19.3	121.0	29.0	132.5
<b>Total EC.....</b>	<b>89.9</b>	<b>404.9</b>	<b>70.2</b>	<b>419.7</b>	<b>94.3</b>	<b>473.1</b>
Austria.....	—	4.4	—	3.6	.1	3.3
Finland.....	—	1.0	—	.9	—	1.1
Greece.....	.3	11.0	.2	7.9	.4	17.6
Norway.....	1.6	1.3	1.3	1.2	2.0	.8
Portugal.....	—	8.9	.1	7.1	—	2.5
Spain.....	5.2	16.0	5.7	15.3	8.5	19.5
Sweden.....	1.6	1.6	.5	2.1	.4	2.4
Switzerland.....	1.0	6.4	.9	7.3	.9	6.0
<b>Total Western Europe<sup>2</sup></b> .....	<b>99.6</b>	<b>545.5</b>	<b>78.9</b>	<b>465.3</b>	<b>104.6</b>	<b>525.2</b>
Bulgaria.....	.2	1.4	.2	1.2	.2	1.2
Czechoslovakia.....	.6	16.0	.6	18.0	.6	19.0
German Dem. Rep.....	—	15.8	—	14.5	—	14.0
Hungary.....	.4	3.5	.5	3.3	.5	2.9
Poland.....	—	19.9	—	17.9	—	17.0
Romania.....	1.2	3.9	.8	3.6	.7	3.5
Yugoslavia.....	.5	19.4	.1	29.5	.1	18.9
<b>Total Eastern Europe<sup>2</sup></b> .....	<b>2.9</b>	<b>79.8</b>	<b>2.2</b>	<b>88.1</b>	<b>2.1</b>	<b>76.5</b>
<b>Total Europe<sup>2</sup></b> .....	<b>102.5</b>	<b>625.4</b>	<b>81.1</b>	<b>553.3</b>	<b>106.7</b>	<b>601.7</b>
<b>U.S.S.R.</b> .....	<b>7.5</b>	<b>96.0</b>	<b>7.9</b>	<b>100.3</b>	<b>6.7</b>	<b>105.8</b>
<b>Africa:</b>						
Egypt.....	.5	3.7	.4	6.3	.4	7.0
Morocco.....	—	1.3	—	1.2	—	3.7
South Africa <sup>4</sup> .....	76.8	1.1	96.3	1.7	70.2	1.7
<b>Total</b> .....	<b>77.3</b>	<b>6.1</b>	<b>96.7</b>	<b>9.2</b>	<b>70.6</b>	<b>12.4</b>

See footnotes at end of table.

Table 504.—Wool (actual weight): International trade, 1973-75—Continued

Country	1973		1974		1975 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Asia:</b>						
Afghanistan.....	8.2	—	5.3	—	5.3	—
China, People's Rep. of.....	3.2	7.4	2.5	12.2	6.6	0.9
China, Rep. of.....	—	12.3	—	6.5	—	11.2
India.....	5.5	7.4	4.2	12.9	2.9	17.1
Iran.....	—	12.8	—	16.0	—	20.0
Iraq.....	1.5	—	2.0	—	2.6	—
Israel.....	—	2.6	—	2.5	—	2.5
Japan.....	—	315.7	—	163.1	—	229.8
Korea, Rep. of.....	—	9.7	—	5.5	—	10.8
Lebanon.....	9.1	5.3	—	5.5	—	5.5
Pakistan.....	—	3.6	—	2.0	—	—
Syria.....	12.0	2.8	8.6	2.3	6.5	4.6
Turkey.....	—	5.2	—	4.9	—	9.8
<b>Total Asia *</b>	<b>41.0</b>	<b>383.3</b>	<b>26.3</b>	<b>233.2</b>	<b>28.5</b>	<b>312.8</b>
<b>Oceania:</b>						
Australia *.....	514.6	10.2	496.1	6.6	628.3	7.5
New Zealand *.....	214.3	1.0	218.8	1.0	269.2	1.0
<b>Total Oceania.....</b>	<b>728.9</b>	<b>11.2</b>	<b>714.9</b>	<b>7.6</b>	<b>897.5</b>	<b>8.5</b>
<b>Total selected countries *</b>	<b>1,067.5</b>	<b>1,164.4</b>	<b>1,010.8</b>	<b>927.1</b>	<b>1,287.6</b>	<b>1,072.8</b>

<sup>1</sup> Preliminary.

\* Washed, scoured, or clean basis.

\* Includes allowances for missing data for countries shown and data for minor exporting and importing countries not shown.

\* Includes exports from Namibia (South-West Africa) and Lesotho.

\* Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 505.—Wool: United States imports (for consumption), clean content, by country of origin, 1968-77<sup>1</sup>

Country of origin	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977 <sup>2</sup>
<b>Dutiable:</b>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>	<i>Mt. B.</i>
Argentina.....	8.3	3.7	4.1	1.6	0.3	1.2	1.0	1.5	4.3	4.0
Australia.....	58.7	50.5	32.2	23.4	16.7	9.4	5.8	11.9	28.4	23.3
New Zealand.....	23.1	17.6	16.7	6.6	2.7	3.1	3.3	2.1	4.2	4.8
South Africa.....	16.9	10.4	9.1	4.3	4.1	3.4	1.1	—	—	1.0
Uruguay.....	13.5	7.3	11.2	4.1	—	—	—	—	—	—
Other.....	9.3	4.0	6.5	2.5	—	—	—	—	—	—
<b>Total.....</b>	<b>129.8</b>	<b>93.5</b>	<b>79.8</b>	<b>42.7</b>	<b>24.8</b>	<b>18.0</b>	<b>11.8</b>	<b>16.6</b>	<b>38.2</b>	<b>34.2</b>
<b>Duty-free:</b>										
Argentina.....	34.2	20.5	16.1	13.6	9.4	3.2	—	1.7	1.7	1.9
Iraq.....	—	—	—	—	—	—	—	—	—	—
New Zealand.....	55.1	52.8	42.0	53.4	45.0	28.3	12.3	11.6	12.8	13.1
Pakistan.....	4.3	3.3	—	—	—	—	—	—	—	—
Syria.....	1.8	1.3	—	—	—	—	—	—	—	—
United Kingdom.....	11.0	7.0	4.6	8.5	7.9	3.5	1.7	2.8	2.3	1.9
Other.....	12.7	10.7	8.2	6.7	5.8	2.3	—	—	—	—
<b>Total.....</b>	<b>119.6</b>	<b>95.7</b>	<b>73.3</b>	<b>83.9</b>	<b>71.8</b>	<b>40.5</b>	<b>15.1</b>	<b>17.0</b>	<b>18.9</b>	<b>18.8</b>
<b>Grand total.....</b>	<b>249.4</b>	<b>189.2</b>	<b>153.1</b>	<b>126.6</b>	<b>96.6</b>	<b>58.5</b>	<b>26.9</b>	<b>33.6</b>	<b>57.1</b>	<b>53.0</b>

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 506.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1963-77<sup>1</sup>

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>	Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars		Thousands	Pounds	1,000 pounds	Cents	1,000 dollars
1963	4,363	6.6	29,007	88.1	25,562	1971	2,189	6.8	14,885	30.1	4,480
1964	4,568	6.5	29,736	94.3	28,053	1972	1,521	6.7	10,190	83.0	8,458
1965	4,803	6.7	32,420	85.5	21,251	1973	1,450	6.8	9,930	187.0	18,569
1966	4,859	6.3	29,378	35.7	15,896	1974	1,175	7.1	8,400	137.0	11,508
1967	4,113	6.6	27,137	40.9	11,100	1975	1,215	7.1	8,600	185.0	15,910
1968	3,966	6.6	26,022	45.2	11,754	1976	1,100	7.4	8,100	297.0	24,087
1969	3,174	6.6	20,810	65.1	13,549	1977	1,215	6.6	8,000	287.0	22,980
1970	2,891	6.5	18,677	30.1	7,290						

<sup>1</sup> Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1963-70; beginning 1971, Texas only.<sup>2</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.<sup>3</sup> Production multiplied by price per pound.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1945-62 in *Agricultural Statistics, 1972*, table 510.

Table 507.—Mohair: Price-support operations, United States, 1963-77

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketings covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	Cents	Cents	Cents	Million pounds	Million dollars
1963	76	88.1			
1964	72	94.3			
1965	72	65.5	6.5	29.7	2.0
1966	75.8	53.7	22.1	29.1	6.5
1967	76.4	40.9	35.5	32.1	11.5
1968	77.4	45.2	32.2	33.0	10.6
1969	77.4	65.1	12.3	15.9	2.0
1970	80.2	39.1	41.1	19.1	7.8
1971	80.2	30.1	50.1	20.0	10.0
1972	80.2	81.4			
1973	80.2	187.0			
1974	80.2	137.0			
1975	80.2	155.0			
1976	80.2	297.0			
1977	140.8	287.0			

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of mohair.<sup>2</sup> Payments for mohair produced during the year shown are made after Mar. 31 of the following year.Agricultural Stabilization and Conservation Service. Data for 1955-62 in *Agricultural Statistics, 1972*, table 512.

Table 508.—Meats and lard: Production, by class of slaughter, United States, 1963-77

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>			Federally inspected	Other	Total <sup>1</sup>		
Beef						Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	13,137	2,912	16,049	379	16,428	10,280	1,583	11,863	556	12,419
1964.....	15,103	2,934	18,037	392	18,429	10,445	1,574	12,019	484	12,503
1965.....	15,421	2,904	18,325	374	18,699	9,331	1,405	10,736	396	11,132
1966 <sup>2</sup> .....	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
1967.....	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
1968.....	17,850	2,812	20,662	184	20,846	11,330	1,536	12,867	188	13,055
1969.....	18,474	2,488	20,962	166	21,128	11,863	1,311	13,174	173	13,347
1970.....	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
1971.....	19,373	2,324	21,697	171	21,868	13,482	1,155	14,637	177	14,813
1972.....	20,241	1,978	22,218	169	22,387	12,551	908	13,459	171	13,631
1973.....	19,294	1,794	21,088	189	21,277	11,679	699	12,378	173	12,551
1974.....	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975.....	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976.....	23,726	1,941	25,667	302	25,969	11,699	519	12,219	198	12,415
1977.....	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
Veal						Lamb and mutton				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	513	334	847	82	929	668	89	757	13	770
1964.....	550	378	928	85	1,013	624	79	703	12	715
1965.....	572	364	936	84	1,020	576	63	639	12	651
1966 <sup>2</sup> .....	490	372	862	48	910	581	58	639	11	650
1967.....	423	326	749	43	792	574	62	636	10	646
1968.....	420	276	696	38	734	545	47	592	10	602
1969.....	400	241	640	33	673	510	30	540	10	550
1970.....	337	220	558	30	588	514	26	540	11	551
1971.....	324	192	516	30	546	522	22	544	11	555
1972.....	283	146	429	30	459	515	19	533	10	543
1973.....	210	115	325	32	357	486	17	504	10	514
1974.....	285	157	442	44	486	440	14	454	11	465
1975.....	494	333	827	46	873	385	14	399	11	410
1976.....	563	250	813	40	853	349	12	361	10	371
1977.....	569	225	794	40	834	330	11	341	10	351
All meat, excluding lard						Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	24,598	4,918	29,516	1,030	30,546	2,117	256	2,373	100	2,473
1964.....	26,722	4,965	31,687	973	32,660	2,153	235	2,388	85	2,473
1965.....	25,900	4,736	30,636	866	31,502	1,772	208	1,980	65	2,045
1966 <sup>2</sup> .....	26,953	5,170	32,124	458	32,582	1,965	202	1,867	32	1,929
1967.....	26,576	5,177	31,753	441	32,194	1,853	208	2,044	32	2,076
1968.....	30,145	4,671	34,817	420	35,237	1,862	189	2,052	30	2,082
1969.....	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
1970.....	32,117	3,700	35,818	402	36,220	1,778	112	1,888	25	1,913
1971.....	33,671	3,953	37,623	389	38,012	1,830	106	1,936	24	1,960
1972.....	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
1973.....	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974.....	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
1975.....	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976.....	36,337	2,722	39,059	548	39,608	1,010	34	1,044	17	1,061
1977.....	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037

<sup>1</sup> Totals are based on unrounded data.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1955-62 in *Agricultural Statistics, 1978*, table 513.

Table 509.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, 1977<sup>1</sup>

Product	1977	Product	1977
	1,000 pounds		1,000 pounds
Cured:		Convenience foods (frozen and/or unfrozen):	
Beef.....	336,013	Pizza.....	442,100
Pork.....	4,096,961	Pies.....	154,048
Other meats.....	18,963	Dinners.....	290,134
Smoked, dried, or cooked:		Entrees.....	311,146
Bacon.....	1,574,067	Other.....	236,531
Hams.....	1,519,269	Miscellaneous meat products:	
Pork.....	538,923	Cured meat loaves.....	87,944
Beef.....	279,816	Non-specific loaves.....	165,843
Other smoked.....	235,594	Meat patties.....	356,975
Fresh/frozen products:		Other formulated products.....	143,954
Beef cuts.....	9,733,024	Horse and equine product.....	16,609
Pork cuts.....	10,898,206	Animal food.....	2,897
Other cuts.....	499,392		
Beef, boned.....	6,652,116	Total.....	55,853,164
Pork, boned.....	2,478,228		
Other, boned.....	361,929	Fats and oils:	
Steaks, chops, roasts (chopped/formed).....	3,947,955	Lard, rendered.....	996,644
Hamburger/ground beef.....	2,095,036	Lard, refined.....	640,801
Other, fresh/frozen.....	866,796	Tallow, edible.....	1,441,524
Sausage:		Compound containing animal fat.....	971,546
Fresh.....	838,083	Oleumargarine containing animal fat.....	114,072
Uncured.....	12,019		
Dried/semi-dried.....	311,042	Total.....	4,164,587
Frankfurters/wieners.....	1,561,932		
Bologna.....	822,182	Total all products.....	60,017,751
Live sausage and braunschweiger.....	124,529		
Other.....	708,215		
Sliced/packaged product:			
Sausage, loaves, luncheon meat.....	952,741		
Ham.....	229,751		
Bacon.....	1,387,552		
Other.....	241,399		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 510.—Canned meat products: Quantity produced under Federal inspection, United States, 1977<sup>1</sup>

Product	1977	Product	1977
	1,000 pounds		1,000 pounds
Luncheon meat.....	265,481	Byproducts, other than pickled.....	9,096
Canned hams.....	274,885	Miscellaneous sausage product.....	24,765
Hash products.....	78,099	Corned beef.....	3,830
Chili con carne.....	317,960	Soups.....	727,967
Viennas.....	119,833	Pork shoulder picnic and loins.....	18,160
Frankfurters and wieners.....	8,505	All other meat and/or meat byproducts, 20% or more meat.....	173,743
Deviled ham.....	13,725	All other meat and/or meat byproducts, under 20% meat.....	299,402
Potted meat food products and spreads.....	43,942	Horse and equine product.....	52,036
Tamales.....	31,239	Animal food.....	329,017
Sliced dried beef.....	4,623		
Chopped beef, hamburgers.....	10,554	Total.....	3,388,998
Meat stew.....	148,797		
Pasta meat product.....	428,291		
Vinegar-pickled products.....	18,048		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 511.—Meat: Production by types in specified countries, 1976 and 1977<sup>1</sup>

Continent and country	Beef and veal		Pork <sup>2</sup>		Mutton, lamb, and goat meat		Total meat production <sup>3</sup>	
	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>								
Canada <sup>4</sup> .....	1,139.1	1,181.0	811.9	853.0	7.9	6.2	1,958.2	1,754.7
Costa Rica.....	63.2	64.0	6.5	6.5			69.7	72.5
Dominican Republic.....	42.0	35.7	21.0	22.5			63.0	58.2
El Salvador.....	30.2	25.7	11.4	11.6			41.6	37.3
Guatemala.....	71.3	79.7	8.9	9.0	.3	.3	80.4	89.0
Honduras.....	45.9	45.9	9.8	9.9			55.7	55.7
Mexico.....	985.0	1,040.0	400.0	428.0	55.7	55.0	1,442.6	1,533.0
Nicaragua.....	69.4	70.6	15.2	15.6			84.6	86.1
Panama.....	49.2	51.4	4.4	4.4			53.6	55.8
United States.....	12,166.4	11,851.6	5,755.2	6,022.0	168.3	159.2	18,089.9	18,032.8
<b>Total.....</b>	<b>14,663.4</b>	<b>14,447.5</b>	<b>6,744.4</b>	<b>7,052.5</b>	<b>232.2</b>	<b>230.7</b>	<b>21,665.2</b>	<b>21,775.1</b>
<b>South America:</b>								
Argentina <sup>5</sup> .....	2,811.4	2,909.1	257.8	237.9	127.1	134.0	3,234.2	3,318.8
Brazil <sup>6</sup> .....	2,230.0	2,400.0	784.5	834.0	57.5	51.3	3,122.4	3,321.3
Chile <sup>7</sup> .....	221.1	205.0	27.6	25.6	35.7	26.2	275.9	266.8
Colombia.....	513.9	536.9	92.6	99.2	9.3	10.0	616.8	644.1
Ecuador.....	106.8	115.6	28.0	28.7	4.3	4.4	139.1	151.6
Peru.....	79.0	81.0	52.9	52.0	32.5	32.5	164.4	165.5
Uruguay.....	405.1	314.0	15.0	17.5	60.2	33.2	482.2	385.7
Venezuela.....	290.0	335.4	67.8	70.5	4.7	4.9	362.6	413.8
<b>Total.....</b>	<b>6,637.4</b>	<b>6,906.1</b>	<b>1,327.3</b>	<b>1,368.4</b>	<b>319.3</b>	<b>295.5</b>	<b>8,307.6</b>	<b>8,649.7</b>
<b>Europe:</b>								
Belgium and Luxembourg.....	295.5	285.0	612.1	625.0	3.1	3.1	910.7	920.1
Denmark.....	241.8	238.0	715.8	740.0	.5	.5	958.5	980.0
France.....	1,798.6	1,648.2	1,498.7	1,533.2	154.9	153.3	3,499.2	3,380.8
Germany, Fed. Rep. of.....	1,402.0	1,380.0	2,467.0	2,530.0	22.0	24.0	3,897.0	3,940.0
Ireland.....	327.5	375.0	121.2	128.8	39.7	40.8	491.9	547.7
Italy.....	1,017.6	1,050.0	781.1	860.0	49.6	51.0	1,901.6	2,014.0
Netherlands.....	375.3	367.5	888.8	915.2	15.8	16.6	1,285.2	1,306.1
United Kingdom.....	1,074.0	997.0	889.0	957.0	247.8	222.9	2,310.8	2,176.9
<b>Total EC.....</b>	<b>6,533.3</b>	<b>6,340.7</b>	<b>7,973.7</b>	<b>8,290.2</b>	<b>533.5</b>	<b>512.2</b>	<b>15,162.2</b>	<b>15,265.6</b>
Austria <sup>8</sup> .....	184.0	182.0	328.2	342.0	2.0	2.1	514.5	526.6
Finland.....	113.6	106.0	136.0	142.0	1.0	1.0	252.0	250.3
Greece.....	109.0	111.0	111.0	117.0	115.0	118.0	335.0	346.0
Norway.....	65.0	71.3	76.3	81.1	16.7	17.3	156.8	170.3
Portugal.....	75.7	80.0	127.5	137.0	22.3	23.3	225.3	241.1
Spain.....	418.1	438.8	648.8	725.0	145.8	142.5	1,217.1	1,310.6
Sweden.....	149.0	145.9	290.4	302.0	4.8	5.0	446.7	455.8
Switzerland.....	148.9	150.0	246.5	258.7	4.1	4.0	401.2	414.3
<b>Total Western Europe.....</b>	<b>7,797.6</b>	<b>7,625.6</b>	<b>9,938.4</b>	<b>10,395.0</b>	<b>845.1</b>	<b>825.4</b>	<b>18,714.9</b>	<b>18,980.5</b>
Bulgaria.....	102.0	102.0	230.0	235.0	87.0	87.0	419.0	424.0
Czechoslovakia.....	345.7	340.0	467.5	476.5	6.0	6.0	820.2	823.5
German Dem. Rep.....	346.1	351.5	796.2	770.5	14.0	14.0	1,166.4	1,156.0
Hungary.....	136.5	132.5	415.5	461.0	6.3	7.0	559.7	602.0
Poland.....	805.9	779.5	1,542.8	1,340.0	21.4	25.5	2,419.6	2,300.6
Yugoslavia.....	326.0	325.0	472.0	485.0	60.0	54.0	858.5	864.5
<b>Total Eastern Europe.....</b>	<b>2,082.2</b>	<b>2,030.5</b>	<b>3,914.0</b>	<b>3,768.0</b>	<b>194.9</b>	<b>193.5</b>	<b>6,243.3</b>	<b>6,050.6</b>
<b>Total Europe.....</b>	<b>9,879.8</b>	<b>9,656.1</b>	<b>13,852.4</b>	<b>14,163.0</b>	<b>1,040.0</b>	<b>1,018.9</b>	<b>24,958.3</b>	<b>25,031.1</b>
<b>Soviet Union.....</b>	<b>5,992.0</b>	<b>6,231.0</b>	<b>3,022.9</b>	<b>3,585.3</b>	<b>855.0</b>	<b>855.0</b>	<b>9,869.9</b>	<b>10,671.3</b>
<b>Africa:</b>								
South Africa.....	494.8	550.0	87.3	90.0	162.2	161.0	744.3	801.0
Morocco.....	79.4	105.0	.5	.4	53.6	47.8	136.1	185.9
<b>Total.....</b>	<b>574.2</b>	<b>655.0</b>	<b>87.8</b>	<b>90.4</b>	<b>215.8</b>	<b>208.8</b>	<b>880.4</b>	<b>986.8</b>

See footnotes at end of table.

Table 511.—Meat: Production by types in specified countries, 1976 and 1977<sup>1</sup>—Continued

Continent and country	Beef and veal		Pork <sup>2</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>	1976	1977 <sup>3</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia:								
China, Rep. of.....	6.0	10.0	457.2	480.0	1.3	1.3	467.4	471.3
India.....	187.7	189.4	59.7	62.9	358.1	358.9	605.5	611.2
Iran.....	65.8	80.0	1.5	1.5	288.0	283.0	353.3	364.5
Israel.....	31.0	23.9	8.5	8.4	4.2	3.8	43.7	38.1
Japan.....	297.9	360.0	1,056.1	1,165.0	.1	.2	1,360.3	1,531.2
Korea, Rep. of.....	76.4	83.0	112.8	122.0	1.2	1.2	190.3	206.2
Philippines.....	141.4	137.5	372.6	374.1	5.8	5.9	520.3	518.0
Turkey.....	180.1	210.0	.3	.4	384.3	396.5	567.6	609.9
Total.....	989.3	1,093.8	2,068.7	2,194.3	1,041.0	1,050.8	4,108.4	4,348.4
Oceania:								
Australia.....	1,870.2	2,063.0	179.1	191.0	593.5	544.0	2,642.8	2,828.0
New Zealand.....	612.1	535.0	32.8	43.6	512.8	487.0	1,157.7	1,065.6
Total.....	2,482.3	2,628.0	211.9	234.6	1,106.3	1,031.0	3,800.5	3,893.6
Total selected countries <sup>5</sup> .....	41,238.5	41,617.5	27,315.4	28,718.4	4,809.6	4,680.7	73,680.3	75,325.9

<sup>1</sup> Carcase weight basis; excludes offals, rabbit, and poultry meat.<sup>2</sup> Preliminary.<sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases (except United States).<sup>4</sup> Includes horse meat.<sup>5</sup> Horse meat production based on export data.<sup>6</sup> Excludes farm slaughter.<sup>7</sup> Includes offals.<sup>8</sup> May not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 512.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1976 and 1977

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1976	1977 <sup>1</sup>	1976	1977 <sup>1</sup>	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	351,340	474,572	256,033	196,068	10,808	14,131
February.....	364,961	475,136	222,300	203,367	11,123	13,884
March.....	401,019	472,866	248,013	224,726	9,244	11,812
April.....	401,468	472,048	267,970	284,000	9,626	12,771
May.....	409,847	447,376	271,057	269,902	10,935	14,583
June.....	404,865	412,880	235,421	227,016	12,281	14,381
July.....	392,493	373,973	195,653	178,912	14,461	13,948
August.....	372,486	330,139	169,928	145,456	15,132	12,567
September.....	392,620	345,832	189,553	158,497	16,958	11,630
October.....	415,198	301,053	215,921	165,996	15,678	10,097
November.....	440,274	291,466	235,486	208,502	16,552	9,356
December.....	463,889	315,535	225,273	185,854	14,535	10,096

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 513.—Meat: United States exports by type of product, 1963-77

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	Pork							Sausage, bologna, and frankfurters	Variety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pickled or cured		Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Ham and shoulders, canned	Other pork, canned					
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
1963.....	3,974	968	7,450	459	47,953	3,306	2,732	7,741	349	672	1,170	72,119	984	149,778	
1964.....	16,033	1,167	8,766	568	43,617	4,426	2,689	8,113	616	882	2,197	104,979	1,271	195,304	
1965.....	15,309	( <sup>4</sup> )	4,555	533	12,173	2,703	2,353	3,115	( <sup>5</sup> )	1,272	1,778	101,210	5,372	150,371	
1966.....	8,156		4,922	729	13,431	2,757	2,399	3,117		1,377	1,615	96,732	5,302	140,538	
1967.....	8,076		6,109	831	13,924	2,116	2,164	3,358		1,368	1,591	100,842	5,813	146,194	
1968.....	7,134		5,127	863	28,342	1,802	2,016	5,299		1,145	1,970	102,170	3,758	161,625	
1969.....	7,909		4,048	650	55,155	3,923	1,618	4,153		978	2,150	105,761	5,912	194,956	
1970.....	8,550		4,728	486	16,887	2,894	1,399	3,514		1,080	1,876	108,532	5,435	157,482	
1971.....	13,900		5,170	591	20,543	1,450	1,033	5,400		1,199	1,820	125,961	5,605	182,571	
1972.....	19,625		4,033	588	36,798	1,526	1,531	3,933		1,243	1,909	115,238	5,474	191,798	
1973.....	32,380		3,509	787	65,071	2,768	1,015	2,857		1,178	2,562	127,860	7,176	247,164	
1974.....	21,292		1,658	1,153	35,289	3,014	797	2,920		902	2,351	134,220	9,017	212,612	
1975.....	20,364		329	1,305	82,028	4,155	575	3,709		686	2,237	133,188	5,860	254,237	
1976.....	35,093		462	1,403	128,665	3,041	1,028	3,422		1,114	2,523	172,246	7,663	357,890	
1977 <sup>6</sup> .....	40,982		517	1,753	116,282	2,941	1,216	2,919		1,810	3,428	173,069	8,198	353,106	

<sup>1</sup> Edible animal organs.<sup>2</sup> Include sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," beginning 1965.<sup>5</sup> Included in "Other pork, canned," beginning 1965.<sup>6</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-62 in *Agricultural Statistics, 1972*, table 517.Table 514.—Meat: United States imports of meat subject to Public Law 88-482 (Meat Import Act), by country of origin, 1972-77<sup>1</sup>

Country of origin	1972	1973	1974	1975	1976 <sup>2</sup>	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	58,298	55,369	36,540	21,159	80,358	75,115
Mexico.....	81,870	67,253	40,418	29,783	32,000	60,095
Belize.....		188	79	20		430
Guatemala.....	32,028	38,504	29,528	33,426	34,300	32,347
El Salvador.....	7,163	9,322	12,761	5,440	10,427	3,545
Honduras.....	25,726	40,064	29,400	35,447	35,800	40,746
Nicaragua.....	54,103	54,806	32,689	47,654	48,900	80,386
Costa Rica.....	50,460	47,814	60,130	60,492	83,700	58,053
Panama.....	4,911	2,127	2,941	5,003	2,600	2,766
Haiti.....	2,004	2,060	1,899	1,556	1,900	1,262
Dominican Republic.....	14,200	16,155	14,319	8,807	14,086	2,089
Iceland.....						92
Ireland.....	30,883	21,796	44,013	6,803	4,094	
United Kingdom.....	64	236	1,887	752		
Australia.....	727,462	708,663	512,988	679,405	632,300	653,572
New Zealand.....	266,233	291,303	259,751	275,373	259,800	265,406
Other.....					1,548	1,310
Total <sup>3</sup> .....	1,355,465	1,355,561	1,079,142	1,208,904	1,231,713	1,250,214

<sup>1</sup> Fresh, frozen, and chilled beef, veal, mutton, and goat (Tariff Schedule of United States, items 106.10 and 106.20). Includes meat rejected under Animal and Plant Health Inspection Service meat and poultry inspection program through 1974. Excludes canned meat and other prepared or preserved meat products.<sup>2</sup> Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.<sup>3</sup> Reflects 1,545,000 lbs. of beef erroneously charged to Panama.<sup>4</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 515.—Meat: United States imports, products weight basis, by country of origin, 1977

Country of origin	Beef and veal		Pork				Mixed sausage	Other meats n.e.p.f. <sup>1</sup>	Variety meats fresh or frozen	Total
	Fresh or frozen <sup>2</sup>	Canned, including sausage	Canned, prepared or preserved <sup>3</sup>	Other prepared or preserved <sup>3</sup>	Frank and frozen	Canned <sup>4</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina.....	88	24,491	11,894	1,715	72	60	1,325	31	103	36,474
Australia.....	292,721	15,350	11,673	1,715	72	42	448	55	103	295,085
Brazil.....	34,749	1	30	1,715	72	42	448	45	2,014	36,621
Canada.....	25,431				12,143					37,574
Denmark.....	978									978
Dominican Republic.....	1,695									1,695
El Salvador.....	15,147	1	4	303		588	17	77	11	16,665
Guatemala.....	18,147									18,147
Haiti.....	19,517									19,517
Honduras.....	27,117									27,117
Ireland.....	122,128	47	1,285	7,738		6,000	3	77	33	131,292
Mexico.....	22,462					15,178	4	223	94	38,067
New Zealand.....	1,415									1,415
Nicaragua.....	2,411									2,411
Panama.....	34,073									34,073
Paraguay.....	5,998									5,998
Peru.....	15,898									15,898
Romania.....	104									104
Sweden.....	18									18
United Kingdom.....	17									17
Yugoslavia.....										
Other.....	584,894	43,124	25,618	9,885	12,215	130,386	534	3,725	2,591	700,570
Total <sup>5</sup> .....										

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 516.—Meat: United States imports by type of product, 1963-77

Year	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. <sup>(5)</sup>	Variety meats, fresh or frozen	Total <sup>(6)</sup>
	Fresh or frozen <sup>(1)</sup>	Canned including sausage	Other prepared or preserved <sup>(2)</sup>		Fresh or frozen	Canned <sup>(3)</sup>	Other prepared or preserved <sup>(4)</sup>	Sausage, all types <sup>(5)</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1963.....	446,948	51,463	10,362	37,106	16,799	66,436	11,395	828	653	675	2,357	645,220
1964.....	320,447	37,906	4,700	20,295	17,775	74,050	2,831	382	2,059	3,106	822	484,885
1965.....	265,573	42,073	10,304	19,261	21,760	95,157	3,153	904	2,283	5,401	1,017	464,888
1966.....	346,929	42,440	15,808	34,217	19,043	112,624	2,446	1,214	2,717	8,221	1,511	587,180
1967.....	381,817	44,440	17,823	30,187	21,463	113,899	2,713	1,125	2,824	5,561	1,592	624,455
1968.....	426,556	53,514	31,066	38,511	21,963	121,101	2,828	1,127	3,427	5,428	1,725	707,786
1969.....	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,350	2,550	752,333
1970.....	524,658	54,185	33,577	37,634	25,192	128,831	2,320	1,648	4,762	8,362	4,466	825,326
1971.....	517,944	41,971	34,573	31,962	28,258	129,958	1,900	1,669	5,537	6,629	2,943	801,274
1972.....	600,672	45,566	25,471	42,124	29,207	145,360	1,803	2,853	2,810	6,937	3,670	906,305
1973.....	611,901	42,565	24,617	18,264	28,303	145,136	1,546	2,786	2,320	5,902	3,269	859,447
1974.....	499,276	42,621	20,517	9,639	21,599	138,724	1,447	2,423	2,165	4,963	2,671	736,248
1975.....	549,087	28,937	15,329	11,670	14,917	130,963	665	1,944	1,294	5,126	2,534	765,367
1976.....	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977 <sup>(7)</sup> .....	554,894	43,124	25,618	0,885	12,315	120,398	534	2,309	1,387	3,725	2,591	786,570

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Includes fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats; not separately classified prior to 1963.<sup>6</sup> May not add due to rounding.<sup>7</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-62 in *Agricultural Statistics, 1978*, table 530.Table 517.—Meat: International trade, selected countries, 1974-76<sup>1</sup>

Continent and country	1974		1975		1976 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada.....	81.5	130.5	78.2	151.6	112.2	249.4
Costa Rica.....	37.7	.3	39.8	.1	40.5	.1
Dominican Republic.....	9.2	.4	5.1	.....	8.5	.....
El Salvador.....	7.7	.2	3.8	.4	6.7	.8
Guatemala.....	13.1	.1	21.5	.3	22.8	.2
Honduras.....	17.3	.....	22.8	.....	27.4	.....
Mexico.....	27.3	12.6	17.6	1.4	28.5	2.5
Nicaragua.....	21.3	.1	29.9	.....	36.1	( <sup>3</sup> )
Panama.....	1.2	( <sup>4</sup> )	1.6	.4	3.4	1.9
United States.....	109.0	981.3	164.0	1,020.2	236.4	1,184.0
Total <sup>4</sup> .....	325.3	1,125.3	384.0	1,174.4	522.4	1,438.9
South America:						
Argentina.....	357.7	.....	329.5	.....	628.6	.....
Brazil.....	154.0	53.0	156.2	28.8	217.0	28.8
Chile.....	.....	3.7	.....	.....	.....	.....
Colombia.....	22.2	( <sup>5</sup> )	17.8	.....	16.8	.....
Peru.....	.....	12.0	.....	8.2	.....	8.4
Uruguay.....	123.4	.....	124.1	.....	201.8	.....
Venezuela.....	.9	1.9	.5	6.9	.5	8.2
Total <sup>4</sup> .....	658.2	70.6	628.1	43.9	1,064.6	43.2

See footnotes at end of table.

Table 517.—Meat: International trade, selected countries, 1974-76 —Continued

Continent and country	1974		1975		1976 <sup>a</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:						
Belgium-Luxembourg.....	280.8	87.3	278.7	111.7	288.3	130.5
Denmark.....	690.4	2.5	700.2	3.2	634.1	4.1
France.....	337.0	422.3	374.8	479.1	366.8	482.2
Germany, Fed. Rep. of.....	143.0	563.0	167.0	386.0	180.0	614.0
Ireland.....	300.2	2.0	359.7	3.4	282.9	4.7
Italy.....	32.1	550.8	39.0	588.7	42.0	593.0
Netherlands.....	889.5	105.0	810.0	131.2	641.0	150.0
United Kingdom.....	115.1	1,059.0	164.4	1,063.5	181.6	1,132.0
Total EC.....	2,487.0	2,791.7	2,694.8	2,906.8	2,596.7	3,100.6
Austria.....	5.6	8.2	6.5	8.2	7.8	23.7
Finland.....	17.4	.7	( <sup>b</sup> )	7.5	8.9	( <sup>b</sup> )
Greece.....		34.3		30.3		95.0
Norway.....		11.7	( <sup>b</sup> )	16.3	( <sup>b</sup> )	30.2
Portugal.....	( <sup>b</sup> )	45.1	.2	30.9		61.4
Spain.....	3.8	25.8	1.9	71.7		101.9
Sweden.....	49.1	39.5	38.2	35.9	32.3	34.1
Switzerland.....	2.7	33.0	1.6	24.7	1.5	26.1
Total Western Europe <sup>c</sup> .....	2,565.8	2,992.9	2,743.1	3,212.2	2,649.7	3,462.9
Bulgaria.....	36.9	36.7	70.6	17.8	77.7	16.3
Czechoslovakia.....	4.9	41.6	15.3	15.3	18.2	22.0
German Dem. Rep.....	30.0	15.0	35.0	13.9	46.0	16.3
Hungary.....	102.3	21.4	130.6	13.1	93.5	28.4
Poland.....	153.6	5.8	161.7	15.5	117.7	58.3
Yugoslavia.....	59.1	17.2	86.8	8.4	98.5	8.1
Total Eastern Europe <sup>c</sup> .....	376.9	137.7	500.0	81.0	451.6	148.5
Total Europe <sup>c</sup> .....	2,942.7	3,130.6	3,243.1	3,293.2	3,101.3	3,611.4
Soviet Union <sup>d</sup> .....	79.1	455.7	63.5	454.1	67.6	274.6
Africa:						
South Africa.....	6.3	58.6	30.3	88.8	26.1	68.3
Morocco.....	2.6	.3	1.8	2.2	1.2	1.5
Total <sup>e</sup> .....	8.9	58.9	22.1	91.0	27.3	69.8
Asia:						
China, Rep. of.....	13.6	1.3	7.8	26.9	35.5	9.7
India.....	4.5		4.9		9.6	
Iran.....		24.2		53.9		80.0
Israel.....		16.2		33.5		30.4
Japan.....	.4	394.2	( <sup>b</sup> )	569.8	( <sup>b</sup> )	692.7
Korea, Rep. of.....	13.4	16.3	8.1	( <sup>b</sup> )	4.7	1.0
Philippines.....	( <sup>b</sup> )	4.0	( <sup>b</sup> )	12.1	.1	8.9
Turkey.....	9.5		11.7		5.8	
Total <sup>e</sup> .....	41.4	456.2	32.3	696.2	45.8	822.7
Oceania:						
Australia.....	610.6		943.0		1,128.9	
New Zealand.....	620.3	.6	708.2	1.6	788.6	1.8
Total <sup>e</sup> .....	1,230.9	.6	1,651.1	1.6	1,917.5	1.8
Total selected countries <sup>c</sup> .....	5,286.4	5,298.0	6,024.5	5,754.5	6,740.5	6,262.5

<sup>1</sup> Carcase weight equivalent of beef and veal, pork, lamb, mutton and goat meat, and horse meat. Excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 50 metric tons.

<sup>4</sup> Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

<sup>5</sup> Estimate based on trading partner data.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 518.—Meats and lard: Production and civilian consumption, United States, 1963-77<sup>1</sup>

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1963.....	16,456	17,612	94.5	929	913	4.9	770	908	4.9
1964.....	18,456	18,899	99.9	1,013	990	5.2	715	794	4.2
1965.....	18,727	19,060	99.5	1,020	992	5.2	651	716	3.7
1966.....	19,726	20,140	104.2	910	881	4.6	650	771	4.0
1967.....	20,219	20,793	106.5	792	749	3.8	648	759	3.9
1968.....	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969.....	21,158	22,065	110.8	673	654	3.3	580	687	3.4
1970.....	21,685	22,926	113.7	588	581	2.9	551	657	3.3
1971.....	21,902	23,084	113.0	546	545	2.7	555	645	3.1
1972.....	22,419	23,962	116.1	459	465	2.2	543	584	3.3
1973.....	21,277	22,812	109.6	387	376	1.8	514	557	2.7
1974.....	23,138	24,489	116.8	486	493	2.3	465	483	2.3
1975.....	23,976	25,398	120.1	873	876	4.2	410	430	2.0
1976.....	25,999	27,549	129.3	853	854	4.0	371	396	1.9
1977 <sup>2</sup> .....	28,279	27,038	125.9	854	836	3.9	351	371	1.7

  

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1963.....	14,493	14,236	76.3	32,645	33,669	180.6	2,472	1,190	6.4
1964.....	14,898	14,421	76.2	34,782	35,105	185.5	2,473	1,193	6.3
1965.....	12,781	12,870	67.2	33,179	33,638	175.6	2,045	1,225	6.4
1966.....	12,798	12,700	65.7	34,084	34,492	178.5	1,529	1,071	5.5
1967.....	14,131	14,053	72.0	35,785	36,354	186.2	2,070	1,085	6.4
1968.....	14,518	14,479	73.4	36,731	37,551	190.4	2,062	1,106	5.6
1969.....	14,245	14,224	71.4	36,626	37,630	188.9	1,904	1,011	5.1
1970.....	14,609	14,661	72.7	37,523	38,825	192.6	1,913	939	4.7
1971.....	16,006	16,127	79.0	39,009	40,401	197.8	1,960	880	4.3
1972.....	14,422	14,712	71.3	37,843	39,823	192.9	1,559	787	3.8
1973.....	13,223	13,298	63.9	35,371	37,044	178.0	1,254	705	3.4
1974.....	14,331	14,493	69.1	38,420	39,958	190.5	1,366	681	3.2
1975.....	11,779	11,852	56.1	37,038	38,556	182.4	1,012	632	3.0
1976.....	12,688	12,668	59.5	39,881	41,467	194.7	1,060	585	2.7
1977 <sup>2</sup> .....	13,247	13,200	61.5	39,711	41,445	193.0	1,037	592	2.3

<sup>1</sup> Carcase weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1930-62 in *Agricultural Statistics, 1972*, table 523.

Table 519.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1963-77 <sup>1</sup>

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork <sup>2</sup>	All meat	Beef	Veal	Lamb and mutton	Pork <sup>2</sup>	All meat
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Millions pounds	Millions pounds
1963.....	84	1	242	297	1,651	25	145	262	2,084
1964.....	96	2	254	352	1,066	17	79	313	1,477
1965.....	97	4	149	250	923	19	72	382	1,396
1966.....	85	5	153	251	1,182	22	136	430	1,770
1967.....	94	6	164	264	1,313	15	121	440	1,889
1968.....	94	7	206	309	1,500	18	147	462	2,137
1969.....	87	6	260	353	1,615	25	153	450	2,243
1970.....	104	7	194	305	1,792	24	122	491	2,429
1971.....	121	8	198	327	1,734	22	103	496	2,355
1972.....	124	7	236	367	1,960	36	145	538	2,682
1973.....	132	6	279	417	1,960	31	53	533	2,607
1974.....	130	8	204	342	1,615	31	26	488	2,160
1975.....	124	8	317	449	1,758	24	27	439	2,248
1976.....	170	7	421	598	2,073	22	36	469	2,600
1977*.....	181	6	390	586	1,939	24	22	439	2,424

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam, 1963-64; included Wake Island also, 1965-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See footnote 1, table 518.)

\* Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks. Data for 1960-62 in *Agricultural Statistics, 1978*, table 524.

Table 520.—Hides, packer: Average price per pound, Chicago, 1963-77 <sup>1</sup>

Year	Steers				Cows			Bulls	
	Heavy native	Heavy Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1963.....	11.23	9.76	9.74	8.86	11.80	12.83	10.54	8.00	7.00
1964.....	10.32	8.18	8.47	7.59	11.20	13.23	8.95	7.44	6.44
1965.....	13.63	12.07	12.39	11.88	14.00	15.60	12.87	9.17	8.17
1966.....	17.42	16.17	16.35	15.64	18.12	20.21	16.95	12.28	11.28
1967.....	11.73	(?)	10.31	9.60	12.43	16.34	10.80	(?)	(?)
1968.....	11.84	9.51	8.51	11.75	15.73	9.64	-----	-----	-----
1969.....	12.85	-----	12.48	11.59	14.85	18.35	12.95	-----	-----
1970.....	12.85	-----	11.80	9.95	13.44	16.98	11.35	-----	-----
1971.....	14.53	-----	11.95	10.80	14.17	17.03	11.63	-----	-----
1972.....	29.79	-----	27.42	26.02	30.12	34.76	28.21	-----	-----
1973.....	33.78	-----	28.53	26.24	34.14	38.72	29.01	-----	-----
1974.....	23.35	-----	19.77	18.13	23.46	27.19	19.61	-----	-----
1975.....	23.25	-----	20.67	18.82	21.60	23.80	17.51	-----	-----
1976.....	36.11	-----	33.41	31.33	36.25	40.65	33.02	-----	-----
1977*.....	37.20	-----	36.21	34.75	39.21	51.00	36.04	-----	-----

<sup>1</sup> Data through 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock Market News and National Provisioner.

<sup>2</sup> Not reported, beginning 1967.

\* Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1960-62 in *Agricultural Statistics, 1978*, table 525.

Table 521.—Hides and skins: United States imports and exports, 1963-77

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1963.....	1,912	360	14,774	26,310	1,604	253	7,971	2,881
1964.....	2,010	315	12,882	29,617	2,111	280	11,502	3,065
1965.....	1,065	302	14,412	27,887	1,985	474	13,309	2,878
1966.....	680	221	10,331	27,893	2,076	519	14,189	2,429
1967.....	838	233	7,109	20,299	1,968	494	11,882	3,758
1968.....	794	493	5,203	30,625	1,816	387	12,878	3,345
1969.....	690	277	5,068	20,716	1,238	414	14,778	3,928
1970.....	542	386	3,028	18,688	1,074	241	15,222	3,822
1971.....	235	276	1,956	19,253	1,968	284	15,962	5,934
1972.....	261	292	3,355	16,882	1,621	451	17,578	5,872
1973.....	437	709	1,624	12,894	1,608	279	16,866	6,792
1974.....	439	530	583	15,732	1,802	365	18,429	4,857
1975.....	222	969	879	15,520	2,061	332	21,269	4,571
1976 <sup>4</sup> .....	93	982	1,255	16,615	1,687	505	25,270	3,409
1977 <sup>4</sup> .....	91	932	1,137	15,468	2,082	456	24,488	3,273

<sup>1</sup> Beginning August 1963, excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1960-62 in *Agricultural Statistics, 1972*, table 526.

Table 522.—Hides and skins: United States imports for consumption by country of origin, 1975-77

Country of origin	1975	1976	1977 <sup>1</sup>	Country of origin	1975	1976	1977 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—Continued			
Canada.....	954	958	926	Other countries.....	67	56	36
Ireland.....	3			Total.....	879	1,255	1,137
Other countries.....	2	4	6				
Total.....	959	962	932	Sheep and lambs: <sup>3</sup>			
Calf and kip:				Afghanistan.....	538	952	573
Canada.....	161	91	83	Ethiopia.....	395	167	140
France.....	54		5	United Kingdom.....	196	246	57
Other countries.....	7	2	3	South Africa.....	289	336	794
Total.....	222	93	91	Iran.....	6,189	5,345	4,127
Goat and kid:				Australia.....	287	88	104
Afghanistan.....	82	188	50	New Zealand.....	5,770	7,409	7,328
Haiti.....	70	291	292	Germany, Fed. Rep. of.....	149	27	48
Ethiopia.....	147	241	99	France.....	221	207	214
Nigeria.....	44		48	Turkey.....	284	334	386
Chile.....	35	9	14	Ireland.....		74	30
Indonesia.....	66	218	216	Canada.....	29	121	71
Australia.....	22	6	5	Sudan.....	170	233	675
Iran.....	333	233	374	Nigeria.....	490	704	684
New Zealand.....	12	16	3	Other countries.....	533	302	237
				Total.....	15,820	16,615	15,468

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 523.—Hides and skins: United States exports by country of destination, 1975-77

Country of destination	1975	1976	1977 <sup>1</sup>	Country of destination	1975	1976	1977 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
<b>Cattle hides: <sup>2</sup></b>				<b>Calf skins:</b>			
Canada.....	805	1,087	860	Canada.....	107	180	453
Mexico.....	2,362	1,708	1,965	Mexico.....	222	43	36
France.....	504	816	789	Czechoslovakia.....	11	11	70
Germany, Fed. Rep. of.....	315	518	435	Germany, Fed. Rep. of.....	89	99	82
Italy.....	566	1,561	1,048	Italy.....	173	141	197
Spain.....	948	957	940	Korea, Rep. of.....	340	120	88
Romania.....	1,226	1,651	1,472	Spain.....	47	27	113
China, Rep. of.....	749	847	845	Japan.....	614	618	937
Korea, Rep. of.....	2,203	3,270	3,611	Other countries.....	459	218	97
Turkey.....	162	678	680				
Czechoslovakia.....	877	9,356	8,425	<b>Total.....</b>	<b>2,051</b>	<b>1,657</b>	<b>2,053</b>
Other countries.....	10,612	2,851	3,439				
<b>Total.....</b>	<b>21,299</b>	<b>25,370</b>	<b>24,488</b>	<b>Kipskins:</b>			
<b>Sheep and lamb skins:</b>				Canada.....	46	32	62
Canada.....	345	362	375	Korea, Rep. of.....	37	37	13
Japan.....	345	536	184	Italy.....	35	145	17
Brazil.....	482	193	120	Germany, Fed. Rep. of.....	36	2	8
Germany, Fed. Rep. of.....	280	219	206	Yugoslavia.....	19	10	30
Italy.....	153	303	458	Hungary.....	74	61	138
United Kingdom.....	1,028	696	535	Venezuela.....	10	17	8
Poland.....	616	445	512	Japan.....	39	105	96
Uruguay.....	53	235	235	Other countries.....	93	106	84
Other countries.....	1,322	602	618	<b>Total.....</b>	<b>352</b>	<b>505</b>	<b>456</b>
<b>Total.....</b>	<b>4,871</b>	<b>3,409</b>	<b>3,273</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 524.—Mink pelts: Number produced by color class, United States, 1969-76

Year	Stand- ard	Demi- buff ( <sup>1</sup> )	Pastel	Pale brown	Sap- phire	Gun- metal	Plati- num	Pearl	Lav- ender hope	Pink ( <sup>1</sup> )	Violet type	White	Mis- cella- neous and unclas- sified	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
1969.....	1,400	1,634	63.2	317	66.4	25.3	910	177	587	95.0	455	79.3	35.6	5,455
1970.....	1,591	1,351	57.7	219	64.0	20.7	857	177	587	95.0	455	79.3	12.3	4,532
1971.....	1,226	1,089	19.6	171	50.1	12.7	397	40.7	345	60.5	345	60.5	8.6	3,380
1972.....	1,068	1,015	25	143	49.7	10	302	21	283	44.9	283	44.9	4.9	2,965
1973.....	1,088	1,075	19.2	136	52.9	14.2	310	22.9	261	55.9	261	55.9	2.1	3,037
1974.....	880	308	992	5.9	117	57	15.1	337	15.4	47.3	270	75	5.3	3,128
1975.....	951	481	700	15	84	53	12	337	17	59	257	93	8	3,067
1976.....	993	531	661	9	64	47	6	270	20	71	239	90	20	3,021

<sup>1</sup> Estimated as separate color class, beginning 1974; included in Pale Brown, Pastel, and Standard classes in previous years.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 525.—Mink pelts: Number produced by color class, major States, and United States, 1976

State	Standard	Demibuff	Pastel	Pale brown	Sapphire	Gummetal	Platinum	Pearl	Lavender	Pink	Violet type	White	Miscellaneous mixed and unclassified	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
Ala.	48.4	48.4	28.3	(1)	2.7	(1)	(1)	1.1	(1)	1.5	8	3.2	(1)	127
Ark.	52	63	23	(1)	(1)	(1)	(1)	1	(1)	(1)	3.8	(1)	(1)	173
Cal.	4.5	(1)	6.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.3	(1)	(1)	18
Ida.	40.3	10.8	20.5	(1)	.4	(1)	(1)	25.2	.23	(1)	6.6	(1)	(1)	104
Iowa	(1)	3.6	6.5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	16
Mass.	36.8	19.7	16.7	(1)	(1)	(1)	(1)	11.5	(1)	1.3	10	8.6	(1)	105
Mich.	114	75	101	(1)	8.8	(1)	(1)	24.4	1.5	10.6	27.2	7.4	(1)	383
Minn.	35.1	9.8	25.2	(1)	1.4	3.1	(1)	9.6	(1)	(1)	10.1	(1)	(1)	100
N.Y.	40.6	19.4	42	(1)	1.3	(1)	(1)	10.5	(1)	.41	4.3	(1)	1.8	121
Ohio	15.3	21.1	7.7	(1)	7.6	1.4	(1)	(1)	(1)	(1)	28.3	(1)	(1)	128
Ore.	14.7	16.5	6.3	(1)	(1)	1.1	(1)	31.1	(1)	(1)	3.8	(1)	(1)	58
S. Dak.	141	49.7	65	(1)	9.7	(1)	(1)	30.1	(1)	(1)	22.5	.18	1.6	323
Utah	73	26	18	.61	5	14.1	(1)	3.6	2.2	1.5	7.9	.11	1.6	154
Wash.	313	101	228	1.3	10.9	4.8	(1)	72	11.3	30	65	62	3.6	926
Wyo.	32.9	38.7	35.1	.53	2	.37	1.1	19.5	1.1	4.1	5.2	6.9	.49	148
Other States														
U.S.	993	531	661	9	64	47	6	270	20	71	239	90	20	3,021

1 Included in totals to avoid disclosing individual operations.

Economies, Statistize, and Cooperatives Service—Crop Reporting Board.

Table 526.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1963-77

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	21,662	58.3	4,535	18.1	13,955	70.1	197	1.2	71,577	119.2	41	0.4
1964.....	25,133	70.6	4,820	20.7	12,947	59.1	191	1.2	71,867	122.7	36	.3
1965.....	28,614	80.5	5,076	30.3	11,710	57.3	313	3.3	63,708	102.1	36	.4
1966.....	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	.5
1967.....	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	.3
1968.....	29,592	77.6	3,878	23.9	10,888	53.9	393	2.0	74,789	110.1	66	.5
1969.....	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4
1970.....	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971.....	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,867	171.5	55	.5
1972.....	32,267	97.0	2,421	17.4	9,905	44.3	146	-----	78,759	155.7	65	-----
1973.....	30,521	91.8	1,808	13.3	9,234	40.6	87	-----	72,264	145.6	165	-----
1974.....	33,319	100.1	2,355	16.4	8,556	37.3	72	-----	77,071	155.2	107	-----
1975.....	36,904	111.0	3,894	26.6	7,552	32.9	49	-----	64,926	131.2	47	-----
1976.....	38,992	117.0	4,438	30.8	6,474	37.9	41	-----	70,454	140.4	205	-----
1977.....	38,717	116.2	4,696	32.7	6,133	26.5	45	-----	74,019	148.4	317	-----

<sup>1</sup> Condemnations do not include ante-mortem cases of parts of carcasses.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-62 in *Agricultural Statistics, 1978*, table 530.Table 527.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1963-78<sup>1</sup>

[1967 = 100]

Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1963.....	99	99	131	88	1971.....	105	105	87	99
1964.....	101	101	125	89	1972.....	107	107	87	97
1965.....	101	101	112	92	1973.....	109	109	86	93
1966.....	99	99	106	93	1974.....	114	114	84	95
1967.....	100	100	100	100	1975.....	116	116	84	87
1968.....	100	100	96	97	1976.....	112	112	83	87
1969.....	101	101	92	95	1977.....	109	109	82	87
1970.....	102	102	88	96	1978 <sup>3</sup> .....	104	104	82	88

<sup>1</sup> For method of combining species and weights in construction of these index numbers see *Agricultural Handbook No. 365*, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. For 1965 and thereafter, milk cows and heifers that have calved are used in place of milk cows two years old and older; turkey breeder hens on hand Dec. 1 preceding year are used in place of all turkeys on hand Jan. 1; all chickens (excluding commercial broilers) on hand Dec. 1 preceding year are used in place of all chickens on hand Jan. 1. Hogs and pigs relate to Dec. 1 preceding year.<sup>2</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighting 500 lbs. and over, 0.56.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 531.

## CHAPTER VIII

### DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, whereas certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

The table with statistics of artificial insemination organizations has been dropped as these data are no longer reported.

**Table 528.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965-78**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1965.....	15,380	4,780	1972.....	11,776	3,828
1966.....	14,490	4,450	1973.....	11,622	3,872
1967.....	13,725	4,215	1974.....	11,397	3,941
1968.....	13,115	4,080	1975.....	11,220	4,087
1969.....	12,550	3,990	1976.....	11,087	3,955
1970.....	12,091	3,880	1977.....	11,035	3,888
1971.....	11,909	3,843	1978 <sup>1</sup> .....	10,930	3,896

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 529.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1977 and 1978

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>		1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
Ala.	87	85	31	17	Nebr.	138	128	32	26
Alaska.	1.5	1.4	.3	.5	Nev.	14	15	8	7
Aris.	68	68	10	10	N.H.	31	31	13	13
Ark.	90	90	27	21	N.J.	47	47	13	13
Calif.	809	846	315	310	N. Mex.	31	31	6	12
Colo.	71	71	21	25	N.Y.	913	915	354	341
Conn.	53	51	20	18	N.C.	147	147	39	38
Del.	12	12	3	3	N. Dak.	108	104	24	23
Fla.	201	198	42	37	Ohio	398	398	154	158
Ga.	129	129	39	44	Okl.	116	114	34	30
Hawaii.	13	13	7	8	Oreg.	93	93	29	30
Idaho.	142	138	56	66	Pa.	706	703	221	237
Ill.	234	233	80	89	R.I.	5	5	2	3
Ind.	209	208	91	83	S.C.	56	56	14	14
Iowa.	392	380	137	164	S. Dak.	172	160	40	47
Kans.	141	140	38	42	Tenn.	210	205	54	59
Ky.	280	277	99	97	Tex.	318	314	90	90
La.	135	129	31	29	Utah.	79	76	39	41
Maine.	58	58	26	23	Vt.	193	195	63	61
Md.	140	136	48	47	Va.	174	171	52	54
Mass.	53	51	17	16	Wash.	181	176	66	64
Mich.	405	404	157	184	W. Va.	38	37	13	12
Minn.	880	850	400	329	Wis.	1,800	1,810	688	696
Miss.	115	110	40	28	Wyo.	11	12	3	3
Mo.	310	282	102	96	U.S.	11,035	10,930	3,888	3,896
Mont.	27	27	9	8					

<sup>1</sup> Preliminary.

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Table 530.—Dairy product-feed price ratios: Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1963-77<sup>1</sup>

Year	Milk-feed price ratio <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk-feed price ratio <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk-feed price ratio <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	Pounds	Dollars		Pounds	Dollars		Pounds	Dollars
1963	1.36	3.04	1968	1.69	3.10	1973	1.46	4.58
1964	1.39	3.03	1969	1.74	3.15	1974	1.34	6.23
1965	1.40	3.03	1970	1.74	3.28	1975	1.40	6.25
1966	1.53	3.15	1971	1.70	3.44	1976	1.53	6.31
1967	1.56	3.22	1972	1.72	3.32	1977 <sup>3</sup>	1.57	6.21

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-63 in *Agricultural Statistics, 1978*, table 543.

Table 531.—Milk cow rations: Quantities and value of concentrates fed, by States, 1976 and 1977

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced			
	1976	1977	1976	1977	1976	1977
	Pounds	Pounds	Pounds	Pounds	Dollars	Dollars
Ala.....	4,370	4,280	59	53	6.90	6.95
Aris.....	5,340	5,430	41	41	6.52	6.10
Ark.....	3,630	3,490	42	42	6.54	6.44
Calif.....	5,420	5,930	28	41	6.34	5.98
Colo.....	4,990	5,130	43	43	6.12	5.46
Conn.....	5,110	4,920	44	41	6.78	6.82
Del.....	4,480	4,340	41	38	6.82	6.86
Fla.....	5,940	5,750	58	58	5.83	5.93
Ga.....	5,650	5,370	57	54	6.73	6.86
Idaho.....	3,590	3,860	33	34	5.70	5.31
Ill.....	4,350	4,450	42	42	6.07	6.23
Ind.....	4,520	4,470	43	41	6.25	6.22
Iowa.....	4,940	5,050	47	48	5.85	5.70
Kans.....	5,110	5,110	49	49	5.75	5.42
Ky.....	3,650	4,440	43	50	6.83	6.47
La.....	4,920	4,790	62	58	6.98	6.79
Maine.....	4,720	4,840	44	44	7.03	7.09
Md.....	4,760	4,810	43	42	6.79	7.01
Mass.....	4,430	4,710	40	40	6.80	6.86
Mich.....	4,790	4,610	42	39	6.04	5.81
Minn.....	4,260	4,270	41	39	6.02	5.60
Miss.....	3,860	4,090	52	53	6.58	6.72
Mo.....	4,650	4,960	48	50	6.24	5.97
Mont.....	3,890	4,260	36	39	5.98	5.53
Nebr.....	4,470	4,240	45	42	5.79	5.36
Nev.....	4,090	4,430	32	32	6.45	5.91
N.H.....	4,000	4,160	37	38	6.83	6.87
N.J.....	4,620	4,450	39	38	6.92	7.03
N.Mex.....	6,010	6,180	46	45	6.59	6.02
N.Y.....	4,040	4,030	36	36	6.61	6.33
N.C.....	4,870	4,840	45	44	7.25	7.06
N. Dak.....	3,350	3,430	43	39	5.20	5.00
Ohio.....	4,880	4,780	43	42	6.21	6.37
Okl.....	4,990	4,920	53	51	6.27	6.01
Oreg.....	3,610	4,190	32	37	7.25	6.70
Pa.....	4,670	4,650	43	42	6.50	6.85
R.I.....	3,820	4,220	35	37	6.77	6.93
S.C.....	5,420	4,840	58	51	7.10	7.15
S. Dak.....	4,090	4,200	43	43	5.93	5.54
Tenn.....	4,360	4,660	47	48	6.82	6.58
Tex.....	5,690	6,200	55	58	6.33	6.02
Utah.....	3,980	4,560	34	38	6.10	5.50
Vt.....	2,830	4,060	35	37	7.03	7.07
Va.....	4,610	4,220	41	38	7.13	7.18
Wash.....	4,890	5,080	36	35	6.37	6.45
W. Va.....	3,360	3,430	38	39	6.25	7.25
Wis.....	4,370	4,320	38	37	5.96	5.93
Wyo.....	3,340	3,680	34	35	5.90	5.50
U.S.....	4,545	4,709	41.7	42.1	6.30	6.21

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**Table 532.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production of cows reporting production, United States, 1963-78**

Year	Associa- tions <sup>1</sup>	Super- visors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	Number	Number	Number	Number	Number	Pounds	Percent	Pounds
1963.....	1,441	2,516	41,937	2,006,534	47.8	11,288	3.85	434
1964.....	1,420	2,474	40,670	2,010,144	49.4	11,685	3.83	447
1965.....	1,424	2,439	40,075	2,087,581	52.1	11,976	3.82	457
1966.....	1,418	2,378	38,879	2,088,562	52.9	12,127	3.81	462
1967.....	1,344	2,319	37,683	2,095,519	55.7	12,307	3.80	468
1968.....	1,318	2,304	36,869	2,131,929	57.8	12,397	3.80	471
1969.....	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970.....	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971.....	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972.....	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973.....	1,231	2,164	33,578	2,309,611	70.3	13,287	3.76	499
1974.....	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975.....	1,105	2,183	32,222	2,432,981	75.5	13,421	3.76	505
1976.....	1,081	2,218	32,232	2,438,265	75.7	13,632	3.75	511
1977.....	1,028	2,266	33,785	2,581,164	76.5	14,435	3.73	539
1978.....	1,048	2,432	34,971	2,704,163	77.3	-----	-----	-----

<sup>1</sup> Includes all plans.

Science and Education Administration. Data for 1945-62 in *Agricultural Statistics, 1972*, table 543.

**Table 533.—Cattle: Tuberculin tests in cooperation with States, 1963-77**

Year	Tuberculin tests					
	Herds and lots	Cattle	Infected			
			Herds and lots		Cattle	
			Number	Percent	Number	Percent
1963.....	349,674	8,398,480	3,497	1.03	5,987	0.10
1964.....	318,039	8,525,881	2,690	.85	7,363	.10
1965.....	304,917	7,187,083	1,672	.55	5,567	.08
1966.....	282,948	6,481,222	1,317	.52	3,840	.05
1967.....	212,487	5,486,715	1,014	.46	4,119	.08
1968.....	165,767	4,485,124	862	.40	2,830	.06
1969.....	151,087	4,390,514	544	.36	2,923	.07
1970.....	133,150	4,044,986	421	.32	2,574	.06
1971.....	120,605	3,830,220	349	.29	2,525	.07
1972.....	103,548	2,881,398	235	.23	2,353	.08
1973.....	102,510	2,936,287	163	.16	1,512	.05
1974.....	101,734	2,487,798	231	.23	1,373	.08
1975.....	94,769	2,367,458	188	.17	1,306	.06
1976.....	103,441	2,484,550	298	.29	1,879	.08
1977.....	98,487	2,323,204	179	.18	4,733	.20

Animal and Plant Health Inspection Service. Data for 1951-62 in *Agricultural Statistics, 1972*, table 546.



Table 534.—Cattle: Brucellosis work in cooperation with States, 1963-77

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Herd tests		Percent	Cattle tested	Reactor cattle	
	Number	Number		Number	Number	Percent
1963	1,670,292	17,201	1.0	1,198,379	17,410	1.6
1964	1,815,644	16,874	.9	2,673,782	39,800	1.5
1965	1,811,250	14,750	.8	4,887,533	49,035	.9
1966	1,682,994	10,466	.6	4,687,710	44,041	.9
1967	1,620,586	8,591	.5	4,617,431	41,412	.9
1968	1,478,983	6,569	.4	4,824,781	34,613	.7
1969	1,326,191	6,233	.5	4,967,570	28,167	.6
1970	1,141,249	3,504	.3	4,818,267	23,092	.5
1971	1,143,707	2,760	.2	6,381,853	29,926	.5
1972	984,835	2,210	.2	7,815,629	39,866	.5
1973	895,346	2,580	.3	8,680,880	55,399	.6
1974	881,195	2,247	.3	10,007,454	72,348	.7
1975	841,392	2,642	.3	13,524,598	90,949	.7
1976	730,737	2,096	.3	13,939,367	88,443	.6
1977	760,576	2,372	.3	12,608,558	72,964	.6

  

Year	Cattle blood tested on farm or ranch <sup>2</sup>						Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lot tests		Cattle tested	Reactor cattle				
	Number	Number	Percent	Number	Number	Percent	Percent	Number
1963	1,934,146	466,156	3.4	10,214,330	114,774	1.1	0.6	6,963,406
1964	1,946,960	460,799	3.3	8,990,118	95,629	1.1	.6	7,154,257
1965	2,036,446	453,017	2.6	7,457,973	77,184	1.0	.5	6,903,780
1966	1,288,186	439,282	3.1	6,876,122	83,665	1.2	.6	6,483,393
1967	416,256	31,855	7.7	7,337,243	111,230	1.5	.6	6,331,536
1968	367,971	30,664	8.3	6,858,279	110,995	1.6	.6	5,837,646
1969	274,724	23,137	8.4	5,406,185	88,484	1.6	.6	5,165,415
1970	264,406	24,033	9.1	5,439,642	96,466	1.8	.6	4,548,972
1971	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,906,944
1973	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,101,475
1975	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977	268,750	32,904	12.3	7,247,352	168,764	2.3	.8	3,780,309

<sup>1</sup> Represents multiple milk ring tests each year for the commercial dairy herd.<sup>2</sup> Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.<sup>3</sup> Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.<sup>4</sup> Includes the number of market cattle lots tested and found infected.Animal and Plant Health Inspection Service. Data for 1961-62 in *Agricultural Statistics, 1978*, table 547.

Table 535.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1963-77

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
1963.....	16,380	7,700	286	3.71	125,202	4,640
1964.....	15,677	8,099	300	3.70	126,967	4,690
1965.....	14,953	8,305	307	3.70	124,180	4,593
1966.....	14,071	8,522	314	3.69	119,912	4,426
1967.....	13,415	8,851	327	3.69	115,733	4,377
1968.....	12,832	9,135	335	3.67	117,225	4,305
1969.....	12,307	9,434	346	3.67	115,108	4,264
1970.....	12,000	9,751	357	3.65	117,007	4,284
1971.....	11,839	10,015	367	3.65	118,506	4,344
1972.....	11,700	10,259	377	3.65	120,025	4,410
1973.....	11,413	10,119	370	3.66	115,491	4,235
1974.....	11,230	10,293	377	3.67	115,886	4,238
1975.....	11,143	10,350	380	3.68	115,334	4,238
1976.....	11,055	10,679	399	3.66	120,289	4,406
1977 <sup>3</sup> .....	10,984	11,194	409	3.65	123,937	4,492

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 548.

Table 536.—Milk: Quantities used and marketed by farmers, United States, 1963-77

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	2,245	4,070	743	7,058	111,195	5,060	1,889	118,144
1964.....	2,152	3,742	595	6,489	114,176	4,439	1,863	120,478
1965.....	2,061	3,443	470	5,974	112,720	3,652	1,834	118,206
1966.....	1,980	3,131	361	5,472	109,699	2,995	1,746	114,440
1967.....	1,891	2,895	267	4,953	106,433	2,374	1,760	110,567
1968.....	1,821	2,616	225	4,662	108,811	1,972	1,780	112,563
1969.....	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970.....	1,702	<sup>4</sup> 2,306	-----	4,008	110,089	1,193	1,717	112,999
1971.....	1,635	2,117	-----	3,752	112,342	1,000	1,572	114,814
1972.....	1,624	1,914	-----	3,538	114,182	798	1,537	116,487
1973.....	1,584	1,766	-----	3,350	109,948	673	1,530	112,141
1974.....	1,558	1,643	-----	3,201	110,420	421	1,544	112,385
1975.....	1,567	1,505	-----	3,072	110,385	314	1,563	112,262
1976.....	1,562	1,404	-----	2,966	115,558	230	1,515	117,303
1977 <sup>5</sup> .....	1,534	1,296	-----	2,830	118,418	205	1,504	120,127

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes some milk used for other purposes on farms or not utilized.<sup>5</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>6</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 549.

Table 537.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1976

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
Ala.	88	7,750	284	3.66	682	25
Alaska	1.5	10,957	369	3.46	19.0	.6
Ark.	86	12,753	455	3.56	887	31
Cal.	87	8,161	291	3.56	710	25
Calif.	811	14,282	514	3.60	11,583	417
Colo.	72	11,597	416	3.59	835	30
Conn.	53	11,623	430	3.70	616	23
Del.	12.3	11,066	407	3.68	135.0	5.0
Fla.	201	10,045	347	3.45	2,023	70
Ga.	129	9,915	365	3.68	1,279	47
Hawaii	13.2	11,212	386	3.44	148.0	5.1
Idaho	143	10,957	398	3.66	1,554	57
Ill.	237	10,477	387	3.59	2,483	92
Ind.	209	10,718	403	3.76	2,240	84
Iowa	392	10,087	370	3.67	3,954	145
Kans.	140	10,450	379	3.63	1,463	53
Ky.	281	8,480	314	3.70	2,383	88
La.	137	7,942	294	3.70	1,088	40
Maine	59	10,644	392	3.68	628	23
Md.	141	10,086	404	3.68	1,549	57
Mass.	54	11,074	405	3.66	598	22
Mich.	405	11,407	421	3.69	4,620	170
Minn.	878	10,523	379	3.60	9,239	333
Miss.	116	7,431	276	3.71	862	32
Mo.	306	9,539	346	3.63	2,919	106
Mont.	26	10,577	380	3.59	275	10
Nebr.	142	9,923	362	3.65	1,409	51
Nev.	14.3	13,451	475	3.53	191.0	6.7
N.H.	31	10,896	404	3.74	335	13
N.J.	46	11,848	437	3.69	845	20
N. Mex.	31	13,065	452	3.46	405	14
N.Y.	912	11,182	406	3.63	10,198	370
N.C.	147	10,816	400	3.70	1,590	59
N. Dak.	111	8,541	303	3.55	948	34
Ohio	397	11,343	422	3.72	4,503	168
Okla.	117	9,419	334	3.55	1,102	39
Oreg.	92	11,130	433	3.88	1,024	40
Pa.	706	10,633	394	3.71	7,507	279
R.I.	5.5	10,909	365	3.65	60.0	2.2
S.C.	56	9,304	363	3.90	521	20
S. Dak.	173	9,642	342	3.55	1,668	59
Tenn.	210	9,981	373	3.74	2,096	78
Tex.	320	10,341	367	3.55	3,309	117
Utah	79	11,696	423	3.62	924	33
Vt.	194	10,789	399	3.70	2,093	77
Va.	174	10,828	400	3.69	1,884	70
Wash.	180	13,489	504	3.74	2,428	91
W. Va.	38	9,368	348	3.72	356	13
Wyo.	1,807	11,232	419	3.73	20,296	757
U.S.	11.5	9,826	357	3.63	113.0	4.1
U.S.	11,055	10,879	399	3.66	120,269	4,406

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.

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Table 538.—Milk, milkfat, and butter production: Number of milk cows, yield per cow, and total quantity produced, by States, 1977 (preliminary)

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
Ala.	85	8,047	293	3.64	684	25
Alaska	1.5	11,000	377	3.43	16.5	.6
Ariz.	69	13,246	473	3.37	914	33
Ark.	292	8,315	292	3.51	740	26
Calif.	827	14,463	516	3.57	11,950	427
Colo.	71	11,630	424	3.55	847	30
Conn.	52	12,000	444	3.70	624	23
Del.	12.0	11,417	421	3.69	137.0	5.1
Fla.	198	9,914	348	3.51	1,963	69
Ga.	129	9,946	366	3.68	1,283	47
Hawaii	13.0	11,538	396	3.43	150.0	5.1
Idaho	141	11,348	407	3.59	1,600	57
Ill.	234	10,598	391	3.69	2,480	92
Ind.	208	10,915	400	3.75	2,370	85
Iowa	386	10,984	402	3.66	4,340	155
Kans.	149	10,436	379	3.63	1,461	53
Ky.	278	8,871	327	3.69	2,466	91
La.	132	8,258	302	3.66	1,090	40
Maine	58	11,000	403	3.66	638	23
Md.	138	11,449	422	3.69	1,580	58
Mass.	51	11,765	433	3.68	600	22
Mich.	403	11,814	436	3.69	4,761	176
Minn.	366	10,950	393	3.59	9,483	340
Miss.	112	7,461	282	3.68	858	32
Mo.	298	9,926	359	3.62	2,958	107
Mont.	27	10,926	394	3.61	295	11
Nebr.	133	10,105	369	3.65	1,344	49
Nev.	14.3	13,846	479	3.46	198.0	6.9
N.H.	31	10,935	408	3.73	339	13
N.J.	47	11,702	433	3.70	580	20
N. Mex.	31	13,742	471	3.43	426	15
N.Y.	914	11,190	402	3.59	10,228	367
N.C.	151	11,000	404	3.67	1,661	61
N. Dak.	107	8,794	312	3.55	941	33
Ohio	400	11,370	421	3.70	4,548	168
Okla.	116	9,655	342	3.54	1,120	40
Oreg.	93	11,312	432	3.82	1,052	40
Pa.	703	11,083	412	3.72	7,791	290
R.I.	5.0	11,400	416	3.65	57.0	2.1
S.C.	56	9,482	367	3.57	531	21
S. Dak.	171	9,796	349	3.57	1,670	60
Tenn.	208	9,716	363	3.74	2,021	76
Tex.	315	10,683	376	3.32	3,365	118
Utah	78	12,000	427	3.66	636	33
Vt.	192	10,984	404	3.68	2,109	78
Va.	173	11,098	406	3.66	1,920	70
Wash.	176	14,517	540	3.72	2,555	95
W. Va.	38	8,763	334	3.70	533	12
Wis.	1,802	11,676	437	3.74	21,041	787
Wyo.	11.6	10,517	382	3.63	122.0	4.4
U.S.	10,984	11,194	409	3.65	122,957	4,492

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 539.—Milk: Quantities used and marketed by farmers, by States, 1977 (preliminary)

State	Milk used on farms where produced			Milk marketed by farmers			
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
				As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala.	5	23	28	635	—	21	656
Alaska	.3	.4	.7	15.2	—	.6	15.8
Ark.	7	2	9	880	—	45	925
Ariz.	9	28	37	680	—	19	703
Calif.	77	12	89	11,830	—	341	11,871
Colo.	27	15	42	790	8	40	805
Conn.	6	6	12	895	—	17	912
Del.	1	2	3	133	—	1	134
Fla.	6	12	18	1,915	—	30	1,945
Ga.	7	13	20	1,265	—	8	1,263
Hawaii	1.5	1.0	2.5	147.5	—	(4)	147.5
Idaho	35	14	49	1,835	2	14	1,861
Ill.	24	14	38	2,440	—	2	2,442
Ind.	20	18	38	2,215	8	11	2,232
Iowa	72	57	129	4,070	28	18	4,111
Kans.	23	19	42	1,405	6	8	1,419
Ky.	30	116	146	2,295	—	25	2,320
La.	4	24	28	1,080	—	12	1,062
Maine	6	7	13	620	—	5	625
Md.	11	16	27	1,545	—	8	1,553
Mass.	5	6	11	850	—	39	889
Mich.	62	29	91	4,625	18	27	4,670
Minn.	138	67	205	9,270	8	—	9,278
Miss.	3	19	22	830	—	6	836
Mo.	29	30	59	2,880	3	16	2,899
Mont.	7	12	19	284	10	2	276
Nebr.	25	26	51	1,265	24	4	1,293
Nev.	3	2	5	192	—	1	193
N.H.	3	4	7	322	—	10	332
N.J.	6	3	9	820	—	22	842
N. Mex.	4	7	11	398	—	17	415
N.Y.	130	86	216	9,920	—	92	10,012
N.C.	10	61	71	1,570	—	20	1,590
N. Dak.	28	15	43	865	29	4	898
Ohio	52	49	101	4,430	—	17	4,447
Okl.	13	24	37	1,065	3	15	1,083
Oreg.	24	8	32	975	—	45	1,020
Pa.	65	70	135	7,370	15	281	7,666
R.I.	1	1	2	53	—	2	55
S.C.	9	13	22	500	—	9	509
S. Dak.	24	22	46	1,575	44	5	1,624
Tenn.	49	55	104	1,905	—	12	1,917
Tex.	35	25	60	3,275	—	30	3,305
Utah	9	12	21	875	—	40	915
Vt.	30	16	46	2,055	—	8	2,063
Va.	18	35	53	1,860	—	7	1,867
Wash.	23	8	31	2,390	3	131	2,524
W. Va.	6	20	26	298	2	7	307
Wis.	358	168	525	20,400	—	15	20,515
Wyo.	4	4	8	110	—	3	114
U.S.	1,534	1,296	2,830	118,418	205	1,504	120,127

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Combined with whole milk to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 540.—Milk: Production and utilization in specified countries, 1975-77

Country	Production			Utilization <sup>1</sup>		
	Milk cows	Production per cow	Total milk production <sup>1</sup>	Fluid milk	Factory	Feed
	1,000 head	Kilograms	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1975:						
Canada.....	2,136	3,625	7,744	2,492	4,901	351
United States.....	11,140	4,096	52,312	24,072	27,522	717
Austria.....	1,026	3,180	3,253	1,160	1,602	488
Belgium and Luxembourg.....	1,061	3,647	3,869	804	2,894	171
Denmark.....	1,094	4,495	4,915	725	4,085	125
France.....	10,207	2,908	30,910	3,233	20,883	6,794
Germany, Fed. Rep. of.....	5,405	3,997	21,604	3,652	16,922	1,030
Greece.....	494	1,468	1,692	635	1,067	0
Ireland.....	1,300	2,838	3,689	629	2,962	98
Italy.....	2,883	3,255	10,032	3,870	5,275	884
Netherlands.....	2,210	4,625	10,221	1,964	8,089	168
Norway.....	367	4,662	1,834	920	891	28
Sweden.....	675	4,693	3,168	1,314	1,773	81
Switzerland.....	884	3,818	3,396	761	2,200	435
United Kingdom.....	3,398	3,979	13,520	8,100	5,200	220
Japan.....	910	5,452	4,961	3,130	1,715	118
Australia <sup>2</sup> .....	2,356	2,831	6,670	1,690	4,980	30
New Zealand <sup>3</sup> .....	2,080	2,841	5,909	558	5,093	258
Total.....	46,646		189,762	59,760	118,011	11,991
1976:						
Canada.....	1,946	3,949	7,685	2,561	4,622	502
United States.....	11,055	4,935	54,554	23,224	30,615	715
Austria.....	1,015	3,209	3,277	1,122	1,672	483
Belgium and Luxembourg.....	1,059	3,480	3,585	890	2,834	161
Denmark.....	1,083	4,655	5,045	740	4,180	125
France.....	10,230	2,867	30,801	3,375	20,288	6,798
Germany, Fed. Rep. of.....	5,490	4,105	22,165	3,740	17,437	988
Greece.....	489	1,605	1,704	629	1,075	0
Ireland.....	1,353	2,921	3,952	630	3,221	101
Italy.....	2,897	3,304	10,223	3,890	5,443	890
Netherlands.....	2,220	4,725	10,490	1,983	8,349	158
Norway.....	386	4,842	1,892	912	949	31
Sweden.....	665	4,883	3,247	1,320	1,846	81
Switzerland.....	888	3,887	3,473	752	2,321	400
United Kingdom.....	3,436	4,083	14,030	7,990	5,920	120
Japan.....	910	5,787	5,266	3,317	1,832	117
Australia <sup>2</sup> .....	2,345	2,738	6,421	1,676	4,815	30
New Zealand <sup>3</sup> .....	2,092	3,040	6,359	557	5,587	115
Total.....	49,460		194,260	59,008	123,086	11,815
1977: <sup>4</sup>						
Canada.....	1,935	3,979	7,700	2,597	4,717	388
United States.....	10,984	5,078	55,773	22,770	32,300	703
Austria.....	1,005	3,363	3,398	1,110	1,815	470
Belgium and Luxembourg.....	1,060	3,585	3,800	710	2,930	169
Denmark.....	1,075	4,791	5,150	780	4,265	125
France.....	10,288	2,972	31,910	3,500	21,510	6,900
Germany, Fed. Rep. of.....	5,385	4,178	22,500	3,600	17,943	957
Greece.....	475	1,590	1,733	635	1,098	0
Ireland.....	1,403	3,035	4,258	640	3,511	107
Italy.....	2,970	3,320	10,530	4,000	5,630	900
Netherlands.....	2,220	4,770	10,590	2,000	8,440	150
Norway.....	382	4,908	1,895	901	965	32
Sweden.....	665	4,963	3,251	1,299	1,872	80
Switzerland.....	885	3,921	3,491	750	2,321	410
United Kingdom.....	3,415	4,158	14,200	7,650	6,400	150
Japan.....	928	6,180	5,735	3,500	2,100	135
Australia <sup>2</sup> .....	2,200	2,671	5,877	1,611	4,236	30
New Zealand <sup>3</sup> .....	2,074	3,106	6,442	525	5,807	110
Total.....	49,337		198,236	58,558	127,873	11,805

<sup>1</sup> May include milk other than cow's milk.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.<sup>4</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 541.—Milk: Supply and

Item	1983	1984	1985	1986	1987
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production.....	125,302	126,967	124,180	119,912	118,732
Net imports of ingredients (milk equivalent) <sup>1</sup> .....	113	90	149	1,431	1,334
Net change in storage cream (milk equivalent) <sup>2</sup> .....	20	-37	10	-80	43
Total supply.....	125,335	127,020	124,339	121,263	120,109
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent.....	31,967	32,576	29,867	25,084	27,563
Milk equivalent of butter from whey cream.....	1,233	1,301	1,319	1,413	1,457
Net milk equivalent.....	30,734	31,275	28,548	23,671	26,106
Cheese:					
American.....	10,920	11,454	11,458	12,154	12,701
Other.....	3,890	4,182	4,277	4,521	4,507
Cottage cheese, creamed.....	999	1,042	1,046	1,044	1,050
Canned milk:					
Evaporated.....	3,854	3,850	3,471	3,516	3,087
Sweetened condensed.....	174	209	214	287	141
Bulk condensed whole milk:					
Unsweetened.....	800	846	780	706	636
Sweetened.....	137	140	151	152	149
Dry whole milk.....	673	648	654	698	647
Ice cream and other frozen dairy products, total milk equivalent.....	11,850	12,215	12,557	12,476	12,505
Milk equivalent of butter and condensed milk used in ice cream.....	1,901	1,953	1,987	<sup>3</sup> 1,998	<sup>3</sup> 1,967
Net milk equivalent.....	9,949	10,262	10,570	10,508	10,528
Other manufactured products <sup>4</sup> .....	537	650	599	643	308
Total manufactured products.....	62,667	64,538	61,768	57,900	59,770
Used in fluid products:					
Sold by dealers.....	52,411	53,037	53,596	53,654	52,240
Sold by producers directly to consumers <sup>5</sup> .....	1,889	1,863	1,534	1,746	1,700
Total fluid sales.....	54,300	54,900	55,400	55,400	54,000
Used on farms where produced:					
Fed to calves.....	2,245	2,152	2,061	1,980	1,891
Consumed as fluid milk and cream.....	4,070	3,742	3,443	3,131	2,865
Used for farm-churned butter.....	743	595	470	381	287
Total used on farms.....	7,058	6,489	5,974	5,472	<sup>6</sup> 5,164
Residual <sup>10</sup> .....	1,310	1,093	1,197	2,511	1,175
Total utilization.....	125,335	127,020	124,339	121,263	120,109

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>6</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.



## utilization, United States, 1963-77

1968	1969	1970	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>
<i>Million pounds</i> 117,225 172 24	<i>Million pounds</i> 116,108 316 -22	<i>Million pounds</i> 117,007 502 29	<i>Million pounds</i> 118,566 179 14	<i>Million pounds</i> 120,025 186 4	<i>Million pounds</i> 115,491 819 3	<i>Million pounds</i> 115,586 181 -33	<i>Million pounds</i> 115,334 181 -17	<i>Million pounds</i> 120,269 219 39	<i>Million pounds</i> 122,957 228 20
117,421	116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	123,205
26,393	25,241	25,593	25,724	24,725	20,663	21,571	21,992	21,947	24,419
1,481	1,510	1,659	1,620	1,981	2,054	2,237	2,119	2,543	2,535
24,912	23,731	23,934	23,904	22,744	18,609	19,334	19,873	19,404	21,884
12,716	12,668	14,240	15,136	16,422	16,760	18,550	16,482	20,581	20,577
4,660	4,948	5,301	5,826	6,433	6,845	7,119	7,431	8,182	8,479
1,094	1,150	1,280	1,296	1,321	1,138	1,018	1,028	1,050	1,057
2,851	2,973	*2,687	2,702	2,540	2,375	2,223	2,020	1,892	1,667
195	190								
679	567	468	433	415	381	432	510	435	362
159	147	104	104	179	170	160	176	208	183
589	489	508	535	552	577	499	464	554	493
13,037	13,043	13,025	12,940	12,944	13,130	13,277	14,046	13,723	13,688
2,058	2,015	1,984	1,967	1,993	2,060	2,089	2,148	2,099	2,048
10,979	11,028	11,041	10,973	10,951	11,070	11,188	11,898	11,623	11,640
396	424	480	705	762	744	804	672	744	755
59,230	58,315	60,013	61,614	62,319	58,678	61,327	60,524	64,673	67,097
51,920	51,112	50,281	50,281	51,690	50,893	48,970	49,560	49,990	49,885
1,780	1,688	1,717	1,572	1,537	1,520	1,544	1,563	1,515	1,604
53,790	52,800	51,998	51,853	53,227	52,413	50,414	51,123	51,505	51,389
1,821	1,745	1,702	1,635	1,624	1,584	1,558	1,567	1,562	1,534
2,616	2,397	*2,306	2,117	1,914	1,766	1,643	1,505	1,404	1,296
225	173								
4,662	4,315	4,008	3,752	3,538	3,350	3,201	3,072	2,966	2,830
-171	972	1,510	1,540	1,133	1,872	692	799	1,383	1,889
117,421	116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	123,205

<sup>1</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

\* Includes milk used for farm-churned butter, beginning 1970.

\* Includes some milk used for other purposes on farms or not utilized.

<sup>10</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1955-62 in *Agricultural Statistics, 1972*, table 553.

Table 542.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1977 (preliminary)

State	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Percent fluid grade <sup>1</sup>	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Percent	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 quarts	Cents	1,000 dollars
Ala.....	635	98	10.90	69,215	.....	.....	.....	9,787	35.0	3,418
Alaska.....	15.2	100	17.80	2,706	.....	.....	.....	279	45.0	126
Ariz.....	880	100	10.10	88,880	.....	.....	.....	20,930	35.0	7,326
Ark.....	690	71	10.00	69,000	.....	.....	.....	6,047	35.0	2,116
Calif.....	11,530	98	9.76	1,125,325	.....	.....	.....	185,605	35.0	65,512
Colo.....	760	(*)	10.40	79,040	184	100	184	18,605	40.0	7,442
Conn.....	565	100	10.40	63,070	.....	.....	.....	7,907	45.0	3,637
Del.....	133	100	10.40	13,832	.....	.....	.....	465	40.0	186
Fla.....	1,915	100	12.20	233,630	.....	.....	.....	13,953	40.0	5,581
Ga.....	1,255	100	10.50	131,775	.....	.....	.....	3,721	53.0	1,972
Hawaii.....	147.5	100	15.70	* 23,158	.....	.....	.....	.....	.....	.....
Idaho.....	1,535	43	9.00	138,150	72	73	53	6,512	39.0	2,540
Ill.....	2,440	82	9.45	230,580	.....	.....	.....	930	35.0	326
Ind.....	2,215	90	9.95	220,393	230	91	209	5,116	42.0	2,149
Iowa.....	4,070	52	9.05	368,333	918	110	1,010	6,977	45.0	3,140
Kans.....	1,405	84	9.60	134,580	218	65	143	3,721	36.0	1,340
Ky.....	2,295	79	9.45	216,578	.....	.....	.....	11,628	41.0	4,767
La.....	1,050	100	10.70	112,350	.....	.....	.....	5,581	39.0	2,177
Maine.....	620	100	10.80	66,960	.....	.....	.....	3,326	42.0	977
Md.....	1,545	100	10.40	160,680	.....	.....	.....	3,721	40.0	1,488
Mam.....	550	100	10.70	58,850	.....	.....	.....	15,140	42.0	7,619
Mich.....	4,625	96	9.65	446,313	679	105	713	12,558	43.0	5,400
Minn.....	9,270	49	8.81	816,687	286	100	286	.....	.....	.....
Miss.....	830	95	10.30	84,600	.....	.....	.....	2,791	39.0	1,088
Mo.....	2,880	73	9.30	267,940	112	76	85	7,442	45.0	3,422
Mont.....	264	93	9.95	26,268	367	88	323	830	36.0	335
Nebr.....	1,285	54	9.20	116,380	996	65	643	1,890	44.0	818
Nev.....	192	100	9.75	18,720	.....	.....	.....	465	40.0	186
N.H.....	322	100	10.60	34,132	.....	.....	.....	4,651	42.0	1,933
N.J.....	536	100	10.20	53,040	.....	.....	.....	10,233	36.0	3,684
N. Mex.....	398	100	10.80	42,984	.....	.....	.....	7,907	51.0	4,033
N.Y.....	9,920	100	9.75	967,300	.....	.....	.....	42,791	38.0	16,261
N.C.....	1,570	97	10.90	171,130	.....	.....	.....	9,303	35.0	3,256
N. Dak.....	865	35	8.60	74,390	1,632	84	867	1,890	43.0	800
Ohio.....	4,430	91	9.80	434,140	.....	.....	.....	7,907	42.0	3,321
Okl.....	1,065	89	10.00	106,500	110	73	80	6,977	42.0	2,930
Oreg.....	975	85	9.90	96,825	.....	.....	.....	20,930	34.0	7,116
Pa.....	7,370	98	10.40	766,480	555	90	500	130,098	32.0	41,823
R.I.....	83	100	10.70	8,671	.....	.....	.....	930	46.0	428
S.C.....	500	100	11.40	57,000	.....	.....	.....	4,186	47.0	1,967
S. Dak.....	1,575	28	8.85	139,388	1,562	101	1,578	2,326	40.0	930
Tenn.....	1,905	62	9.75	185,738	.....	.....	.....	5,581	39.0	2,177
Tex.....	3,275	100	10.70	350,425	.....	.....	.....	13,953	50.0	6,977
Utah.....	875	74	9.35	81,813	.....	.....	.....	18,605	31.0	5,678
Vt.....	2,055	100	10.30	211,665	.....	.....	.....	3,721	40.0	1,488
Va.....	1,860	91	10.30	191,880	.....	.....	.....	3,256	41.0	1,335
Wash.....	2,390	100	9.70	231,830	120	79	95	60,930	35.0	21,326
W. Va.....	298	(*)	9.95	29,651	79	85	67	3,256	48.0	1,563
Wis.....	20,500	66	9.21	1,888,050	.....	.....	.....	6,977	35.0	2,302
Wyo.....	110	(*)	9.70	10,670	37	85	31	1,395	42.0	586
U.S.....	118,418	82	9.72	11,512,540	7,427	91.4	6,786	699,349	36.8	257,113

See footnotes at end of table.

Table 542.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1977 (preliminary)—Continued

State	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>1</sup>	Farm value of all milk produced <sup>2</sup>
	Milk utilized	Average returns <sup>4</sup>		Cash receipts from marketings	Milk utilized	Value <sup>5</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	656	11.07	3.04	73,633	23	2,546	75,179	75,719
Alaska.....	15.8	17.92	5.22	2,832	4	72	2,904	2,957
Ariz.....	905	10.41	2.92	94,186	2	208	94,394	95,147
Ark.....	703	10.12	2.88	71,116	28	2,834	73,950	74,888
Calif.....	11,671	9.95	2.79	1,180,840	12	1,194	1,182,034	1,190,020
Colo.....	805	10.77	3.03	86,666	15	1,616	88,282	91,222
Conn.....	612	10.90	2.95	66,707	6	654	67,361	68,016
Del.....	134	10.46	2.83	14,018	2	209	14,327	14,330
Fla.....	1,945	12.30	3.50	239,211	12	1,476	240,687	241,449
Ga.....	1,283	10.56	2.88	133,747	13	1,377	135,124	135,870
Hawaii.....	147.5	15.70	4.58	23,158	1	187	23,315	23,550
Idaho.....	1,551	9.07	2.53	140,743	14	1,270	142,013	145,120
Ill.....	2,442	9.46	2.56	230,906	14	1,324	232,230	234,008
Ind.....	2,332	9.98	2.66	232,751	18	1,796	224,847	226,546
Iowa.....	4,111	9.06	2.48	372,485	67	5,164	377,649	384,144
Kans.....	1,419	9.61	2.65	136,362	19	1,826	138,188	140,462
Ky.....	2,320	9.55	2.59	221,645	116	11,078	232,723	235,503
La.....	1,062	10.78	2.95	114,627	24	2,587	117,114	117,502
Maine.....	625	10.87	2.97	67,937	7	761	68,698	69,351
Md.....	1,553	10.44	2.83	162,168	16	1,670	163,838	164,932
Mass.....	696	11.29	3.07	66,466	6	677	67,146	67,740
Mich.....	4,670	9.69	2.63	452,426	29	2,810	455,236	461,341
Minn.....	9,278	8.81	2.45	816,973	67	5,903	822,876	835,452
Miss.....	836	10.26	2.79	85,748	19	1,949	87,697	88,031
Mo.....	2,899	9.36	2.59	271,348	30	2,808	274,166	276,869
Mont.....	276	9.76	2.70	26,626	12	1,171	28,097	28,792
Nebr.....	1,293	9.11	2.50	117,761	26	2,369	120,130	122,438
Nev.....	193	9.80	2.83	18,906	2	196	19,102	19,404
N.H.....	332	10.67	2.91	36,085	4	435	36,530	36,849
N.J.....	842	10.47	2.83	86,724	3	314	87,038	87,585
N. Mex.....	415	11.33	3.30	47,017	7	763	47,810	48,266
N.Y.....	10,012	9.82	2.74	983,461	86	8,445	991,906	1,004,390
N.C.....	1,590	10.97	2.99	174,386	61	6,692	181,078	182,212
N. Dak.....	898	8.47	2.39	76,057	15	1,271	77,328	79,703
Ohio.....	4,447	9.84	2.66	437,461	49	4,822	442,283	447,523
Okl.....	1,083	10.11	2.86	109,610	24	2,426	111,936	113,232
Oreg.....	1,620	10.16	2.66	163,641	8	813	164,454	166,883
Pa.....	7,666	10.55	2.84	808,803	70	7,385	816,188	821,950
R.I.....	55	11.09	3.04	6,069	1	111	6,210	6,321
S.C.....	809	11.58	2.99	86,967	13	1,505	86,472	87,490
S. Dak.....	1,624	8.74	2.45	141,896	22	1,923	143,819	145,938
Tenn.....	1,917	9.80	2.62	187,915	55	5,390	193,305	196,058
Tex.....	3,305	10.81	3.07	357,402	28	2,703	360,105	363,757
Utah.....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
Vt.....	2,063	10.33	2.81	212,153	16	1,653	214,806	217,860
Va.....	1,867	10.33	2.82	192,915	35	3,616	196,831	198,336
Wash.....	2,524	10.03	2.70	253,251	8	802	254,053	256,267
W. Va.....	307	10.19	2.73	31,281	20	2,038	33,319	33,933
Wis.....	20,516	9.21	2.46	1,896,352	168	15,473	1,905,825	1,937,876
Wyo.....	114	9.90	2.73	11,287	4	396	11,683	12,078
U.S.....	120,127	9.80	2.68	11,776,439	1,296	127,856	11,904,295	12,051,465

<sup>1</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

<sup>2</sup> Not published to avoid disclosing individual operations.

<sup>3</sup> Based on unrounded value. Includes milk sold directly to consumers.

<sup>4</sup> Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>5</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>6</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

<sup>7</sup> Includes value of milk fed to calves.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 543.—Farm dairy products: Quantity sold, price, cash receipts, farm household consumption, gross income, and farm value, United States, 1963-77

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 quarts	Cents	1,000 dollars
1963.....	111,105	4.10	4,556,278	184,530	59.5	109,898	875,905	22.2	194,727
1964.....	114,176	4.15	4,737,507	180,550	60.2	95,660	886,512	22.3	192,066
1965.....	112,720	4.23	4,766,723	132,170	61.1	80,725	853,300	22.3	190,279
1966.....	109,099	4.81	5,272,421	107,020	67.2	72,559	813,200	23.2	188,418
1967.....	109,433	5.01	5,486,975	85,970	68.2	58,600	819,200	24.0	196,656
1968.....	108,811	5.24	5,703,747	71,140	68.7	48,903	826,800	24.8	204,532
1969.....	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970.....	110,089	5.71	6,281,063	42,644	70.0	29,886	798,606	27.0	215,848
1971.....	112,242	5.87	6,582,965	35,909	69.1	24,859	731,162	27.9	204,223
1972.....	114,152	6.07	6,926,935	25,737	67.8	19,478	714,841	27.8	198,585
1973.....	109,945	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974.....	110,420	8.33	9,193,111	15,287	63.2	9,660	717,855	34.9	250,867
1975.....	110,385	8.75	9,687,132	11,437	70.3	8,039	726,537	35.4	257,362
1976.....	115,558	9.66	11,165,363	8,350	83.4	6,966	704,510	35.4	255,126
1977 <sup>1</sup> .....	118,418	9.72	11,512,540	7,427	91.4	6,786	699,349	36.8	257,113

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of all milk produced <sup>2,3</sup>
	Milk utilized	Average returns <sup>1</sup>		Cash receipts from marketings	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound milkfat					
Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars	
1963.....	118,144	4.11	1.11	4,890,891	4,813	210,287	5,071,178	5,195,474
1964.....	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886	5,304,890
1965.....	118,206	4.26	1.15	5,037,727	3,913	174,844	5,212,571	5,266,774
1966.....	114,440	4.84	1.31	5,533,398	3,492	174,943	5,708,341	5,801,039
1967.....	113,567	5.06	1.37	5,742,231	3,152	164,830	5,907,061	6,005,939
1968.....	112,563	5.29	1.44	5,957,282	2,841	154,853	6,112,135	6,206,150
1969.....	111,793	5.54	1.51	6,198,672	2,570	146,106	6,341,778	6,434,534
1970.....	112,909	5.78	1.58	6,526,575	2,306	136,094	6,662,969	6,737,294
1971.....	114,814	5.93	1.62	6,812,077	2,117	125,100	6,940,177	7,034,801
1972.....	116,487	6.13	1.67	7,145,288	1,914	119,285	7,284,572	7,361,435
1973.....	112,141	7.21	1.97	8,090,106	1,766	129,431	8,219,900	8,331,450
1974.....	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186
1975.....	112,262	8.84	2.40	9,922,533	1,505	133,940	10,056,473	10,192,739
1976.....	117,303	9.74	2.66	11,428,455	1,404	137,968	11,566,453	11,714,591
1977 <sup>1</sup> .....	120,127	9.80	2.68	11,776,439	1,296	127,856	11,904,295	12,051,465

<sup>1</sup> Preliminary.<sup>2</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>3</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>4</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.<sup>5</sup> Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 556.

## FOOTNOTES FOR TABLE 545

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices. U.S. prices represent weighted average prices of milk for evaporated milk.<sup>2</sup> Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.<sup>3</sup> Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.<sup>4</sup> Not shown separately to avoid disclosure of individual operations.<sup>5</sup> Pertains to entire North Central region beginning 1971.<sup>6</sup> Pertains to entire Western region beginning 1971.<sup>7</sup> Includes South Atlantic region beginning 1972.<sup>8</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 564.

Table 544.—Federal Milk Order Markets: Measures of growth, 1963-77

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>	Handlers <sup>3</sup>	Producers <sup>4</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	Number	Thousands	Number	Number	Million pounds	Million pounds	Percent
1963.....	82	100,083	2,144	176,477	82,860	32,964	62.4
1964.....	77	99,353	2,010	167,503	84,447	33,965	62.4
1965.....	73	102,351	1,891	158,077	84,444	34,561	63.5
1966.....	71	98,307	1,724	145,964	83,012	34,805	65.7
1967.....	74	103,566	1,650	140,657	83,761	34,412	64.0
1968.....	67	117,013	1,637	141,623	86,444	36,490	64.8
1969.....	67	122,319	1,628	144,278	81,026	39,219	64.3
1970.....	62	125,721	1,588	143,411	85,104	40,063	61.5
1971.....	62	142,934	1,529	141,347	87,872	40,288	59.3
1972.....	62	142,934	1,487	136,983	88,710	40,938	59.6
1973.....	61	141,472	1,355	131,565	86,229	40,619	61.2
1974.....	61	141,546	1,312	126,805	87,778	39,293	58.0
1975.....	56	144,467	1,315	123,855	89,249	40,166	57.9
1976.....	50	149,493	1,305	122,676	74,586	40,985	54.9
1977.....	47	149,786	1,260	122,733	77,980	41,126	52.8

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>4</sup>		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk	Pounds	Per producer	All producers
	Dollars	Dollars	Percent	Percent	Pounds	Dollars	1,000 dollars
1963.....	4.78	4.15	70	48	821	12,814	2,261,437
1964.....	4.87	4.23	70	48	888	14,174	2,374,137
1965.....	4.93	4.31	70	48	944	15,300	2,418,526
1966.....	5.55	4.95	70	48	994	18,826	2,630,908
1967.....	5.85	5.17	71	49	1,056	20,321	2,858,351
1968.....	6.23	5.53	74	52	1,089	22,561	3,195,087
1969.....	6.50	5.74	77	56	1,164	24,892	3,591,283
1970.....	6.74	5.95	79	59	1,244	27,636	3,965,311
1971.....	6.90	6.08	80	60	1,316	29,893	4,225,340
1972.....	7.10	6.31	80	60	1,372	32,439	4,440,288
1973.....	8.03	7.31	78	60	1,386	37,461	4,928,514
1974.....	9.35	8.36	78	61	1,464	45,376	5,753,852
1975.....	9.36	8.64	79	63	1,532	49,233	6,097,768
1976.....	10.70	9.75	80	65	1,661	60,277	7,394,486
1977.....	10.59	9.69	80	66	1,740	62,706	7,696,121

<sup>1</sup> End of year. (Date on which pricing provisions became effective.) <sup>2</sup> End of year. Data for 1963-70 and 1971-77 according to the 1960 and 1970 U.S. Census of Population, respectively. <sup>3</sup> Average for year. <sup>4</sup> Weighted averages.

Agricultural Marketing Service. Data for 1947-62 in *Agricultural Statistics, 1972*, table 530.

Table 545.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1963-77<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	3.24	3.36	3.27	3.40	3.43	3.26	3.29	3.31
1964.....	3.31	3.42	3.31	3.45	3.44	3.27	3.49	3.37
1965.....	3.41	3.43	3.36	3.52	3.45	3.37	3.56	3.41
1966.....	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967.....	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968.....	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969.....	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970.....	4.64	4.50	4.61	4.68	4.43	4.71	4.58	4.52
1971.....	( <sup>4</sup> )	4.65	4.65	4.85	4.67	4.90	4.68	4.68
1972.....	( <sup>4</sup> )	-----	4.79	-----	4.64	4.89	4.76	4.76
1973.....	( <sup>4</sup> )	-----	5.54	-----	5.64	5.66	5.64	5.64
1974.....	( <sup>4</sup> )	-----	7.16	-----	7.19	6.98	7.13	7.13
1975.....	( <sup>4</sup> )	-----	7.29	-----	7.22	7.77	7.40	7.40
1976.....	( <sup>4</sup> )	-----	8.33	-----	8.29	8.42	8.32	8.32
1977 <sup>4</sup> .....	( <sup>4</sup> )	-----	8.52	-----	8.42	8.68	8.49	8.49

See footnotes on page 372.

Table 546.—Milk markets under Federal marketing program: Blend and Class I milk ducers, deliveries by producers, producer deliveries used in Class I, Class I utilization markets, 1976 and 1977

Marketing area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1976	1977
	1976	1977	1976	1977		
	Dollars	Dollars	Dollars	Dollars	Number	Number
Black Hills, S. Dak. <sup>1</sup>	9.52	9.58	10.54	10.45	102	100
Central Arizona <sup>4</sup>	10.12	10.10	11.12	11.00	159	160
Central Arkansas <sup>4</sup>	10.28	10.10	10.54	10.42	682	719
Central Illinois <sup>4</sup>	9.38	9.43	9.99	9.87	493	464
Chicago Regional, Ill.-Wis. <sup>2</sup>	9.06	9.08	9.88	9.74	17,388	16,898
Eastern Colorado, Colo.-Kans. <sup>2</sup>	10.26	10.22	10.90	10.78	1,030	948
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>2</sup>	9.65	9.59	10.45	10.33	7,675	7,394
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>10</sup>	9.26	9.25	10.64	9.88	479	469
Georgia <sup>11</sup>	10.40	10.31	10.90	10.78	1,268	1,323
Great Basin, Utah-Nev.-Wyo. <sup>11</sup>	9.62	9.60	10.49	10.39	771	780
Greater Kansas City, Mo.-Kans. <sup>10</sup>	9.51	9.45	10.35	10.22	1,875	1,823
Greater Louisiana <sup>14</sup>	10.57	10.57	11.01	10.94	644	843
Indiana <sup>15</sup>	9.54	9.48	10.07	9.93	4,011	3,694
Inland Empire, Wash.-Idaho <sup>14</sup>	9.59	9.52	10.55	10.44	320	322
Iowa, Iowa-Ill. <sup>12</sup>	9.31	9.25	9.95	9.87	2,730	3,102
Lake Mead <sup>12</sup>	9.71	9.70	10.30	10.08	41	39
Louisville-Lex.-Evans, Ky.-Ind. <sup>12</sup>	9.53	9.58	10.12	10.18	2,373	2,304
Lubbock-Plainview, Texas <sup>12</sup>	10.61	10.55	11.02	10.90	113	90
Memphis, Tenn.-Miss.-Ark. <sup>12</sup>	10.24	10.11	10.55	10.41	494	490
Michigan Upper Peninsula, Mich.-Wis. <sup>14</sup>	9.27	9.27	9.95	9.83	223	205
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>10</sup>	10.23	10.10	11.28	11.26	8,094	8,004
Nashville, Tenn.-Ky. <sup>12</sup>	9.47	9.56	10.20	10.33	904	884
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>10</sup>	9.33	9.30	10.30	10.08	1,737	1,602
Neosho Valley, Kans.-Mo. <sup>10</sup>	10.05	9.98	10.28	10.15	34	37
New England, Mass.-Conn.-N.H.-R.I.-Vt. <sup>10</sup>	10.44	10.39	10.58	11.46	8,369	8,030
New Orleans-Mississippi, La. <sup>10</sup>	10.59	10.62	11.40	11.32	1,438	1,666
New York-New Jersey <sup>12</sup>	9.91	9.85	11.24	11.12	19,328	18,820
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>10</sup>	9.65	9.60	10.30	10.19	6,333	6,295
Oklahoma Metropolitan <sup>12</sup>	9.83	9.83	10.58	10.46	1,490	1,453
Oregon-Washington <sup>12</sup>	9.67	9.66	10.55	10.44	1,017	1,010
Paducah, Ky.-Mo. <sup>12</sup>	10.00	9.88	10.30	10.17	222	208
Puget Sound, Wash. <sup>12</sup>	9.32	9.36	10.44	10.34	1,276	1,340
Red River Valley, Texas-Okla. <sup>10</sup>	10.17	10.07	10.81	10.66	278	244
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>11</sup>	10.40	10.35	10.95	10.83	191	184
St. Louis-Oarks, Mo.-Ill.-Ark. <sup>12</sup>	9.58	9.53	10.20	10.08	2,839	2,948
Southeastern Florida <sup>10</sup>	11.63	11.69	11.75	11.63	131	88
Southern Illinois <sup>14</sup>	9.55	9.49	10.13	10.01	2,094	1,925
Southern Michigan <sup>10</sup>	9.50	9.43	10.20	10.08	7,083	6,845
Tampa Bay, Fla. <sup>12</sup>	11.39	11.31	11.55	11.42	118	117
Tennessee Valley, Tenn.-Va.-W. Va.-Ky. <sup>10</sup>	10.15	10.10	10.67	10.58	1,794	1,802
Texas <sup>12</sup>	10.27	10.23	10.92	10.80	3,484	3,325
Texas Panhandle, Texas-Okla. <sup>10</sup>	10.39	10.12	10.95	10.73	181	175
Upper Florida <sup>10</sup>	11.34	11.38	11.44	11.32	182	183
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>10</sup>	8.87	8.86	9.70	9.60	10,738	13,180
Western Colorado <sup>11</sup>	10.03	10.04	10.59	10.48	52	58
Wichita, Kans. <sup>10</sup>	9.58	9.57	10.40	10.28	518	505

<sup>1</sup> Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; weighted average of base and excess payments where such payments are used. <sup>2</sup> Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup> Rapid City, South Dakota. <sup>4</sup> Phoenix. <sup>5</sup> Little Rock. <sup>6</sup> Peoria. <sup>7</sup> Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. <sup>8</sup> Denver. <sup>9</sup> Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents; for zone 4 (Pittsburgh) plus ten cents. <sup>10</sup> Sioux Falls. <sup>11</sup> Atlanta. <sup>12</sup> Salt Lake City, Utah. <sup>13</sup> Kansas City and Topeka. <sup>14</sup> Monroe and Shreveport. <sup>15</sup> Indianapolis. <sup>16</sup> Spokane, Washington. <sup>17</sup> Zone I (Des Moines). Class I prices at other points in the marketing area: Cedar Rapids, minus seven cents; Rock Island, Ill., minus seven cents; and Waterloo, minus 16 cents. <sup>18</sup> Las Vegas, Nevada. <sup>19</sup> Zone II (Marquette). <sup>20</sup> Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. <sup>21</sup> Zone I (Omaha). <sup>22</sup> Pittsburg, Kansas. <sup>23</sup> Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. <sup>24</sup> Zone I (New Orleans). <sup>25</sup> New York City metropolitan



prices at 3.5 percent fat test, f.o.b. city plant, unless indicated otherwise, number of production, average daily deliveries per producer, and average fat test of milk delivered by

Producer deliveries <sup>1</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
71	73	38	38	53	52	2,155	2,279	3.65	3.64
845	866	518	538	61	62	15,042	15,388	3.56	3.57
381	382	319	322	85	84	1,990	1,996	3.54	3.48
233	258	142	162	56	63	1,402	1,529	3.76	3.74
9,779	10,067	3,115	3,053	32	30	1,536	1,632	3.72	3.72
822	819	595	605	72	74	2,188	2,399	3.61	3.58
3,459	3,493	2,153	2,099	61	60	1,242	1,294	3.71	3.68
290	292	137	136	47	46	1,695	1,717	3.57	3.60
1,502	1,528	1,181	1,186	78	78	3,238	3,172	3.68	3.67
729	771	409	425	56	55	2,882	2,710	3.60	3.55
1,091	971	567	510	52	52	1,610	1,607	3.64	3.63
529	626	440	527	83	84	2,407	2,043	3.73	3.66
2,160	2,024	1,413	1,333	65	66	1,472	1,513	3.76	3.76
253	288	139	143	55	50	2,161	2,447	3.74	3.72
1,403	1,588	719	750	51	44	1,431	1,506	3.74	3.71
132	136	84	92	64	68	8,531	9,601	3.43	3.36
1,307	1,197	753	742	62	62	1,392	1,424	3.69	3.69
78	75	66	65	85	86	4,462	5,132	3.51	3.47
304	308	263	250	86	84	2,195	2,283	3.68	3.65
92	84	51	48	56	57	1,131	1,126	3.68	3.68
5,388	5,964	3,279	3,266	61	58	1,819	1,939	3.70	3.70
590	586	335	327	57	56	1,785	1,856	3.70	3.69
1,138	1,092	563	549	49	50	1,834	1,910	3.68	3.66
7	7	6	6	89	91	1,690	1,788	3.66	3.67
4,994	4,994	2,972	2,937	60	59	1,650	1,704	3.68	3.67
960	1,100	671	789	70	72	1,826	1,811	3.69	3.65
9,494	9,299	4,668	4,544	49	47	1,241	1,402	3.64	3.60
3,012	3,156	1,994	1,942	65	62	1,299	1,374	3.71	3.71
810	834	514	549	64	66	1,982	2,093	3.55	3.53
1,308	1,407	753	794	58	56	3,515	3,814	3.83	3.77
130	121	103	94	79	78	1,607	1,601	3.83	3.79
1,575	1,677	845	858	41	41	3,377	3,708	3.71	3.71
160	131	114	92	73	71	1,950	2,048	3.52	3.50
409	421	321	329	78	78	8,502	8,035	3.46	3.42
1,699	1,805	1,151	1,212	68	67	1,639	1,682	3.65	3.64
775	763	690	694	89	91	18,311	24,800	3.48	3.58
1,126	1,095	613	583	54	53	1,468	1,560	3.70	3.70
4,029	4,179	2,327	2,252	58	54	1,560	1,677	3.69	3.69
540	538	471	473	87	88	11,692	11,589	3.45	3.50
1,101	1,160	841	861	76	74	1,677	1,763	3.75	3.74
3,443	3,457	2,543	2,599	74	75	2,711	2,861	3.66	3.53
89	104	73	76	82	74	2,809	2,923	3.48	3.58
678	666	599	617	85	93	10,580	10,380	3.41	3.45
5,352	7,001	1,508	1,557	28	22	1,377	1,460	3.68	3.68
58	73	43	55	74	75	3,115	3,527	3.62	3.57
343	343	202	205	59	60	2,076	2,179	3.62	3.62

area. Price excludes a 15-cent direct delivery differential in 1977; 5 cents in 1976. Prices at 201-210 mile zone: Class I and blend—36 cents less in 1977; 24 cents less in 1976. <sup>24</sup> Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. <sup>27</sup> Oklahoma City. <sup>28</sup> Portland. <sup>29</sup> District I (Seattle). <sup>30</sup> Wichita Falls, Texas. <sup>31</sup> Albuquerque, Santa Fe, and El Paso. <sup>32</sup> Zone I (St. Louis and Springfield). <sup>33</sup> Miami. <sup>34</sup> Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. <sup>35</sup> Price excludes direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1976 and 10 cents in 1977. <sup>36</sup> Bristol, Chattanooga, and Knoxville. <sup>37</sup> Zone I (Dallas). Class I price at Houston, plus 36 cents. <sup>38</sup> Amarillo. <sup>39</sup> Jacksonville and Tallahassee. <sup>40</sup> Zone I (Minneapolis, Rochester, and Duluth, Minnesota; Fargo, North Dakota, and Superior, Wisconsin). <sup>41</sup> Salt Lake City, Utah. <sup>42</sup> Zone I (Wichita).

Agricultural Marketing Service. Compiled from reports of market administrators.



**Table 547.—Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1976 and 1977<sup>1</sup>**

Marketing area	Whole milk *			Lowfat and skim milk items *			Total			
	Quantity		Milkfat test	Quantity		Milkfat test	Quantity		Milkfat test	
	1976	1977	Percent	1976	1977	Percent	1976	1977	Percent	
Black Hills, South Dakota.....	15,736	14,790	3.32	3.32	17,140	18,764	1.91	32,876	33,554	2.63
Central Arizona.....	344,261	342,193	3.49	3.49	70,823	196,977	1.38	815,084	641,169	2.70
Central Arkansas.....	166,768	161,084	3.44	3.44	64,872	60,901	1.56	221,580	226,101	2.79
Central Illinois.....	127,332	122,802	3.28	3.28	116,035	116,007	1.68	237,867	239,809	2.85
Chicago Regional, Ill.-Wis.....	1,745,187	1,647,010	3.31	3.30	1,192,718	1,273,748	1.61	2,837,902	2,920,766	2.64
Eastern Colorado, Colo.-Kan.....	305,844	299,819	3.29	3.31	227,068	273,635	1.78	525,969	573,452	2.62
Eastern Iowa, Eastern Pa., Ohio, W. Va., Pa.....	1,400,629	1,400,629	3.29	3.29	637,063	663,984	1.62	2,037,692	2,064,613	2.69
Eastern Iowa, Eastern Pa., Ohio, W. Va., Pa.....	1,400,629	1,400,629	3.29	3.29	637,063	663,984	1.62	2,037,692	2,064,613	2.69
East Texas, Texas.....	202,239	18,196	3.29	3.29	6,160	6,722	1.37	24,368	24,918	2.85
Georgia.....	662,543	662,543	3.32	3.32	382,516	382,539	1.38	1,024,990	1,024,963	2.78
Great Basin, Utah-Nev., Wyo.....	105,965	107,964	3.31	3.29	238,100	347,849	1.89	442,074	415,813	2.64
Greater Kansas City, Mo.-Kan.....	304,223	288,304	3.29	3.29	238,468	246,376	1.50	584,579	624,189	2.46
Greater Louisiana.....	469,077	461,120	3.67	3.67	105,646	115,714	1.68	1,863,617	1,876,804	2.48
Indiana.....	640,478	611,788	3.20	3.21	593,507	590,463	1.71	1,200,985	1,200,250	3.18
Indiana Empire, Wash.-Idaho.....	48,568	46,379	3.34	3.34	89,906	96,183	1.77	138,922	144,961	2.30
Iowa, Iowa.....	298,222	298,222	3.34	3.34	37,416	37,416	1.67	316,638	335,638	2.30
Iowa, Iowa.....	298,222	298,222	3.34	3.34	37,416	37,416	1.67	316,638	335,638	2.30
Louisiana-Lexington, Ky.-Ind.....	379,196	373,027	3.29	3.29	204,708	205,708	1.69	573,905	578,736	2.98
Louisiana-Lexington, Ky.-Ind.....	379,196	373,027	3.29	3.29	204,708	205,708	1.69	573,905	578,736	2.98
Madison, Wis.-Mich.-Wisc.....	61,988	67,776	3.37	3.39	12,925	15,687	1.47	74,914	73,463	2.60
Memphis, Tenn.-Miss-Ark.....	164,722	159,363	3.34	3.36	73,947	74,882	1.22	238,680	234,245	2.97
Michigan Upper Peninsula, Mich.-Wis.....	164,722	159,363	3.34	3.36	73,947	74,882	1.22	238,680	234,245	2.68
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.....	61,049	55,475	3.30	3.36	38,562	43,629	1.67	99,611	96,103	2.63
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
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Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,221,793	2,111,854	3.36	3.31	781,911	800,865	1.28	2,973,704	2,921,699	2.74
Nashville, Tenn.-Ky.....	2,22									

Oregon-Washington.....	362,553	362,317	3.35	3.36	415,443	443,092	1.82	1.86	776,246	805,406	2.53	2.51
Paduah, Ky.-Mo.....	63,915	62,026	3.26	3.26	36,077	28,139	1.36	1.41	86,002	90,155	2.71	2.68
Puget Sound, Wash.....	264,705	259,111	3.35	3.35	342,244	366,532	1.84	1.84	606,949	625,543	2.40	2.46
Red River Valley, Okla.-Texas.....	122,233	118,268	3.33	3.33	21,895	22,649	1.16	1.21	144,127	140,917	3.00	3.03
Rio Grande Valley, N. Mex.-Texas-Colo.....	302,457	296,015	3.35	3.36	62,326	76,062	1.51	1.49	364,783	372,077	3.03	2.98
St. Louis-Oarks, Mo.-Ill.-Ark.....	402,065	380,014	3.27	3.25	313,310	307,244	1.52	1.49	715,375	698,158	2.80	2.47
Southeastern Florida.....	271,353	265,429	3.25	3.25	245,355	231,439	1.24	1.23	691,368	674,539	2.57	2.77
Southern Michigan.....	1,544,019	1,487,004	3.26	3.25	734,542	751,265	1.06	1.06	2,275,161	2,238,270	2.52	2.48
Tampa Bay, Fla.....	305,058	288,777	3.33	3.31	138,818	145,227	1.12	1.13	623,575	637,043	2.70	2.71
Tenn. Val., Tenn.-Ky.-Va.-W. Va.-Ga. <sup>1</sup>	418,331	419,093	3.35	3.35	305,642	310,000	1.61	1.60	720,574	739,663	2.61	2.60
Texas.....	1,807,825	1,831,001	3.41	3.40	857,717	600,879	1.27	1.26	2,380,542	2,431,581	2.88	2.87
Texas Panhandle, Texas-Okla.....	71,303	69,923	3.36	3.39	14,352	15,781	1.48	1.51	86,085	85,574	3.05	3.04
Upper Florida.....	473,104	461,440	3.29	3.28	125,132	162,371	1.24	1.22	607,238	613,729	2.83	2.73
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>1</sup>	465,442	451,805	3.25	3.25	98,431	97,457	1.24	1.25	1,450,327	1,436,817	2.86	2.86
Western Canada.....	24,276	23,411	3.35	3.33	14,041	17,429	1.50	1.48	35,316	45,461	2.92	2.72
Wichita, Kansas.....	122,781	117,780	3.26	3.27	68,908	75,154	1.55	1.58	191,689	192,933	2.62	2.61

<sup>1</sup> In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers in some areas may be partially estimated.

<sup>2</sup> Plain and flavored.

<sup>3</sup> Sales represent the marketing area after the expansion of Greater Louisiana and New Orleans-Mississippi, Apr. 1, 1976; and Eastern South Dakota, June 1, 1976. Some data are estimated.

<sup>4</sup> Represents combined sales for North Central Iowa, Cedar Rapids-Iowa City, Quad Cities-Dubuque, and Des Moines prior to the merger and expansion of May 1, 1977. Some data are estimated.

<sup>5</sup> Sales represent the marketing area after the merger of Boston Regional and Connecticut, Apr. 1, 1976.

<sup>6</sup> Represents combined sales for Appalachian, Knoxville, and Chattanooga, after the merger and expansion of Connecticut and Massachusetts, Apr. 1, 1976. Some data are estimated.

<sup>7</sup> Represents combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Rochester; Minnesota-Northern Iowa, after the merger and expansion of June 1, 1976. Some data are estimated.

Agricultural Marketing Service. Compiled from reports of market administrators.

Table 548.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1963-77

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent	Cents
1963.....	215.00	4.83	3.72	3.21	3.71	4.10	3.72	89.5
1964.....	209.00	4.58	3.71	3.26	3.70	4.15	3.71	89.2
1965.....	212.00	4.63	3.71	3.34	3.70	4.23	3.70	91.1
1966.....	246.00	5.17	3.70	3.97	3.69	4.81	3.69	97.2
1967.....	260.00	5.43	3.69	4.06	3.68	5.02	3.69	98.2
1968.....	274.00	5.67	3.67	4.22	3.67	5.24	3.67	98.4
1969.....	300.00	5.87	3.68	4.45	3.67	5.49	3.67	98.9
1970.....	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971.....	358.00	6.19	3.67	4.86	3.65	5.87	3.66	99.1
1972.....	392.00	6.38	3.68	5.08	3.66	6.07	3.68	97.5
1973.....	496.00	7.42	3.66	6.20	3.65	7.14	3.66	97.2
1974.....	500.00	8.66	3.67	7.13	3.66	8.33	3.67	93.5
1975.....	412.00	9.02	3.67	7.63	3.66	8.75	3.67	70.1
1976.....	478.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977 <sup>5</sup> .....	504.00	9.96	3.65	8.70	3.66	9.72	3.65	91.4

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>5</sup>							
	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
1963.....	3.31	3.95	3.21	3.68	3.24	3.77	3.25	3.75
1964.....	3.37	3.92	3.26	3.66	3.28	3.76	3.29	3.73
1965.....	3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
1966.....	3.58	3.88	3.50	3.68	4.03	3.75	3.04	3.73
1967.....	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968.....	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969.....	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970.....	4.82	3.80	4.82	3.61	4.76	3.68	4.80	3.68
1971.....	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972.....	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973.....	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974.....	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975.....	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976.....	8.32	3.63	8.39	3.60	8.60	3.63	8.65	3.66
1977 <sup>5</sup> .....	8.49	3.59	8.59	3.61	8.72	3.67	8.77	3.67

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, i.e., plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.<sup>5</sup> Preliminary.<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price i.e., factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.<sup>7</sup> Includes milk for canned condensed milk.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1972*, table 562.

Table 549.—Dairy products: Factory production of specified items, by States, 1974-76

State	Butter			Total American cheese <sup>1</sup>			Total cheese <sup>1</sup>		
	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>	1974	1975	1976 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.									
Ark.				7,168	6,375	7,585	14,800	12,235	12,534
Calif.	125,606	135,649	147,036	5,788	5,818	5,973	69,051	92,877	112,112
Colo.	5,149	5,789	4,961						
Conn.							3,746	4,222	4,499
Del.									
Fla.									
Ga.									
Iaho.	14,264	12,575	6,955	37,751	33,663	66,785	82,358	74,770	88,657
Ill.	14,098	13,115	12,759	15,520	14,914	17,269	89,958	86,113	94,724
Ind.	19,797	19,654	22,769	22,597	22,149	28,964	28,760	27,108	33,433
Iowa.	43,831	41,898	39,668	111,046	76,174	116,516	177,400	146,916	194,110
Kans.		12,478	14,815	37,303	27,493	29,945	30,221	29,214	31,536
Ky.	17,398	19,229	19,406	50,159	40,583	49,450	55,356	53,164	64,904
La.	1,327	1,457		1,179	697		7,181	6,325	
Maine.	76								
Md.									
Mass.							5,413	5,288	6,123
Mich.	23,439	21,182	27,953	16,974	15,434	18,431	28,025	27,064	34,149
Minn.	233,894	217,861	177,454	261,040	290,039	365,162	315,924	316,189	430,491
Miss.									
Mo.	26,072	22,460	20,914	72,820	44,364	51,476	101,335	68,196	69,916
Mont.	2,249	2,100	1,919	3,489	1,933	1,844	3,509	1,933	1,844
Nebr.	20,988	19,373	17,623	33,769	30,345	32,177	65,765	59,311	62,859
Nev.									
N.H.									
N.J.							13,266	17,013	16,843
N. Mex.									
N.Y.	32,460	36,326	28,223	76,895	56,130	80,313	215,404	217,560	255,639
N.C.									
N. Dak.	8,882	9,321	7,230	51,843	47,188	51,962	51,843	47,188	51,962
Ohio.	14,691	15,237	21,638	16,514	16,370	25,196	62,774	66,107	80,748
Okl.	25,459	21,010	20,360	6,223	4,185	7,169	6,547	4,301	7,326
Oreg.	11,982	12,107	12,379	24,796			24,911	22,971	26,660
Pa.	19,065	24,543	23,441	36,909	28,923	37,027	68,955	67,955	87,743
R.I.							989	1,465	1,572
S.C.									
S. Dak.	11,047	12,915	9,705	48,190	43,465	43,177	69,623	63,537	65,144
Tenn.	16,839	19,121	18,277	27,081	21,389	20,536	40,111	32,353	34,838
Tex.	2,014	2,168	3,895				10,061	5,552	11,661
Utah.	7,375	7,307	5,653	44,475	38,138	43,580	62,866	57,824	63,766
Va.	3,415	4,608	7,090	15,856	16,753	18,606	30,999	39,589	54,740
Wash.	27,986	28,695	31,571	7,826	9,241	16,319	21,736	23,547	30,501
W. Va.									
Wis.	193,067	214,276	230,211	764,420	705,995	835,254	1,129,037	1,089,978	1,242,515
Wyo.	402								
U.S. <sup>4</sup>	961,724	983,791	975,631	1,855,602	1,654,580	2,062,444	2,937,370	2,811,407	3,336,506

See footnotes at end of table.

Table 549.—Dairy products: Factory production of specified items, by States, 1974-76—Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>1</sup>			Nonfat dry milk			Total ice cream		
	1974	1975	1976 <sup>2</sup>	1974	1975	1976 <sup>2</sup>	1974	1975	1976 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala.							12,963	13,460	12,948
Ariz.							6,216	6,556	6,503
Ark.							3,673	4,429	4,667
Calif.	113,437	128,177	130,374	137,420	146,889	161,196	80,265	84,731	86,800
Colo.							6,814	7,138	8,184
Conn.							15,175	18,826	16,224
Del.									
Fla.							24,622	28,262	27,729
Ga.							6,806	7,413	6,998
Idaho					17,952	6,536	3,335	3,161	3,208
Ill.							44,090	45,975	45,390
Ind.				3,294			30,795	28,848	27,049
Iowa				91,872	100,985	82,155	9,359	10,933	11,263
Kans.							8,844	7,563	7,583
Ky.							5,572	5,509	4,902
La.							11,098	11,552	10,644
Maine.							4,828	6,386	6,942
Md.							20,792	19,849	18,816
Mass.							43,607	47,761	46,320
Mich.				30,383	30,048	41,985	34,190	36,492	34,372
Minn.				281,028	242,747	186,873	28,289	30,538	29,528
Miss.							4,842	5,219	4,942
Mo.							16,529	19,133	18,631
Mont.							2,262	2,221	1,684
Nebr.				16,849	14,826	14,028	8,500	9,240	8,885
Nev.							1,153	1,162	1,150
N.H.							1,262	1,013	1,048
N.J.							14,503	13,486	14,048
N. Mex.									
N.Y.				53,454	58,958	32,466	66,251	65,155	63,052
N.C.							24,325	27,582	27,966
N. Dak.					10,781	8,284	2,684	2,917	2,843
Ohio	163,255	169,436	154,357	28,869	27,006	37,701	42,311	47,861	48,574
Okla.							7,103	5,373	8,069
Ore.							7,385	7,155	7,233
Pa.	86,072	78,255	96,094	16,275	14,732	9,731	65,468	72,976	70,721
R.I.							843	1,102	1,537
S.C.							10,897	10,945	10,253
S. Dak.				44,150	42,812	43,367	130	160	128
Tenn.				11,678	20,464	20,221	16,713	18,465	17,441
Tex.				14,257			32,468	36,107	35,542
Utah							5,312	6,758	6,708
Vt.				10,471			154	153	151
Va.							8,857	9,263	8,428
Wash.	59,026			33,509	36,575	40,080	15,111	16,472	16,725
W. Va.							2,506	2,675	2,659
Wis.				105,243	114,694	105,994	17,013	19,642	18,253
Wyo.									
U.S. <sup>4</sup>	1,035,309	926,923	895,406	1,019,916	1,001,454	926,183	781,971	836,582	817,890

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Includes full-skim American cheese beginning 1974; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

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Table 550.—Dairy products: Quantities manufactured, United States, 1969-76

Product	1969	1970	1971	1972	1973	1974	1975	1976 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter.....	1,118,228	1,137,020	1,143,695	1,101,910	918,618	961,734	983,791	978,631
American cheese:								
Whole milk.....	1,266,428	1,423,399	1,511,508	1,644,287	1,672,515	1,858,602	1,854,580	2,062,444
Part skim.....	5,512	5,083	6,977	8,137	8,117	8,703	8,368	4,951
Swiss cheese (including block).....	131,612	143,987	153,843	177,773	164,221	175,345	173,758	196,327
Munster cheese.....	32,481	35,067	39,819	45,696	45,687	48,640	52,090	55,326
Brick cheese.....	20,849	20,836	22,423	21,771	23,119	23,545	19,593	19,797
Limburger cheese.....	2,935	2,791	2,599	2,531	2,586	2,436	1,902	1,876
Cream and Neufchâtel cheese.....	123,312	126,098	129,829	133,258	139,664	150,258	160,298	168,020
Blue cheese.....	21,032	23,280	25,219	28,549	29,789	28,262	29,506	33,885
All Italian varieties of cheese.....	361,254	393,608	453,861	512,143	565,270	606,096	671,860	748,446
All other varieties of cheese <sup>2</sup> .....	24,174	27,249	28,239	30,490	37,412	40,483	43,452	45,494
Total of all cheese <sup>3</sup> .....	1,989,589	2,201,428	2,374,315	2,604,605	2,685,350	2,937,370	2,811,407	2,336,566
Cottage cheese:								
Curd <sup>4</sup> .....	679,341	726,338	745,136	784,204	763,016	889,660	709,975	711,141
Creamed <sup>5</sup> .....	909,971	978,482	1,003,652	1,012,681	988,203	855,682	861,669	874,695
Lowfat <sup>6</sup> .....	44,710	60,129	85,237	102,411	128,019	121,941	129,516	135,364
Sweetened condensed milk:								
Bulk goods:								
Skimmed.....	74,529	70,519	63,324	60,063	70,636	44,137	32,156	37,515
Unskimmed.....	62,419	44,244	44,382	77,060	78,999	69,387	76,270	89,307
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed.....	889,931	921,108	953,028	901,785	808,103	670,266	718,542	735,412
Unskimmed.....	229,762	201,584	179,946	174,998	159,380	180,120	214,389	239,573
Evaporated and condensed milk:								
Case goods:								
Skimmed.....	24,633	24,370	22,684	18,632	15,276	17,413	10,673	9,929
Unskimmed.....	1,453,754	1,268,328	1,268,086	1,183,298	1,102,183	1,035,209	926,923	895,496
Condensed or evaporated buttermilk.....	392	5,542	10,174	17,181	11,385	16,425	24,384	22,907
Dry buttermilk.....	66,511	59,522	51,727	49,511	43,275	45,280	42,834	46,279
Dry whole milk.....	70,239	68,860	72,156	75,246	77,965	67,721	63,086	78,088
Nonfat dry milk.....	1,452,278	1,444,360	1,417,648	1,223,456	916,570	1,019,916	1,011,454	926,183
Dry skim milk (animal feed).....	14,408	11,674	11,396	12,853	9,782	5,623	7,934	5,915
Dry cream.....	546	1,003	1,555	1,559	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Dry whey.....	516,474	621,031	679,447	762,020	772,440	851,351	595,590	661,761
Malted milk powder.....	18,636	19,368	17,649	( <sup>8</sup> )				
Ice cream:	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Total manufactured.....	765,501	761,732	765,843	767,750	773,674	781,971	836,552	817,890
Sherbet (does not include water ices).....	51,199	48,887	45,831	50,017	53,231	49,932	48,542	46,589
Ice milk <sup>9</sup> .....	275,495	286,663	287,694	290,806	291,698	296,100	298,789	285,234

<sup>1</sup> Preliminary.<sup>2</sup> Includes full-skim American cheese beginning 1974.<sup>3</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but, beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.<sup>4</sup> Less than 3 plants reporting.<sup>5</sup> Discontinued, beginning 1972.<sup>6</sup> Includes freezer-made milkshake in most States.

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Table 551.—Mellorine-type frozen desserts: Production by States, United States totals, 1963-76

Year	Ala- bama	Ari- zona	Ar- kansas	Calif- ornia	Illinoi- s	Louis- iana	Miss- ouri	Mont- ana	Okla- homa	Ore- gon	South Caro- lina	Texas	United States <sup>1</sup>
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1963.....	317	688	1,223	14,463	2,088	1,238	2,781	301	2,991	713	235	23,130	50,677
1964.....	228	855	1,390	15,109	2,099	1,038	2,508	306	2,841	863	177	23,366	51,378
1965.....	192	1,075	1,302	15,619	1,857	1,501	2,569	315	2,698	1,002	-----	24,192	53,169
1966.....	160	1,032	1,559	15,550	1,888	1,395	2,144	339	2,622	850	-----	23,257	51,525
1967.....	139	1,194	1,714	16,099	2,089	1,331	1,982	382	2,778	999	-----	23,692	53,683
1968.....	147	1,055	1,355	15,509	3,401	1,351	2,306	503	2,629	1,013	-----	23,526	55,829
1969.....	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	-----	23,176	55,966
1970.....	55	870	1,370	13,076	4,150	984	2,318	-----	1,940	1,055	-----	22,793	51,878
1971.....	-----	671	1,264	11,068	3,947	872	2,060	-----	1,829	1,137	-----	21,994	48,378
1972.....	-----	574	1,080	10,971	3,790	511	1,899	-----	1,719	927	-----	20,660	45,447
1973.....	-----	527	963	9,759	5,226	345	1,622	-----	1,380	796	-----	18,813	39,773
1974.....	-----	526	622	8,595	1,915	336	1,377	-----	1,196	532	-----	17,008	34,005
1975.....	-----	546	713	6,747	1,402	217	993	-----	1,037	532	-----	15,833	30,038
1976 <sup>2</sup> .....	-----	437	656	5,258	1,140	112	889	-----	657	402	-----	11,507	23,284

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1962-62 in *Agricultural Statistics, 1972*, table 557.

Table 552.—Dairy products: Manufacturers' average selling price of specified products, United States, 1963-77

Year	Unsweetened evapo- rated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory <sup>1</sup>
	Dollars	Cents	Cents	Cents
1963.....	6.01	14.43	10.59	36.06
1964.....	5.99	14.62	10.44	33.84
1965.....	6.09	14.66	11.72	34.00
1966.....	6.73	18.19	14.47	39.90
1967.....	7.05	19.92	15.01	40.63
1968.....	7.26	22.36	17.01	43.60
1969.....	7.50	23.80	16.75	43.82
1970.....	7.98	26.30	16.30	45.76
1971.....	6.95-9.24	30.72	20.67	46.47
1972.....	7.52-9.31	32.70	25.41	48.36
1973.....	8.10-9.26	45.79	34.51	57.86
1974.....	10.18-12.75	55.37	37.74	66.08
1975.....	10.98-14.15	62.13	37.93	71.30
1976.....	11.88-14.77	63.30	34.60	79.24
1977.....	12.05-15.62	66.65	32.02	80.66

<sup>1</sup> Includes milk sold in bulk and in package.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-62 in *Agricultural Statistics, 1972*, table 565.



Table 553.—Dairy products: Manufacturers' stocks, end of month, United States, 1976 and 1977

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	44,526	66,288	8,713	10,390	49,078	91,638
February.....	49,577	63,485	7,924	8,592	49,995	84,650
March.....	57,385	62,965	7,454	8,386	54,851	78,061
April.....	76,764	66,429	9,222	10,026	79,080	107,761
May.....	104,570	101,495	10,557	8,610	102,951	119,405
June.....	125,408	127,686	10,809	9,926	127,925	128,712
July.....	143,111	133,208	11,791	8,997	125,733	122,409
August.....	136,348	158,721	11,902	6,511	123,346	109,621
September.....	135,333	148,612	10,989	6,304	107,876	81,718
October.....	131,705	134,311	10,456	5,763	104,752	68,019
November.....	96,860	100,990	10,704	5,917	93,813	67,367
December.....	70,627	75,156	9,085	5,972	98,756	60,632

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Table 554.—Dairy products: Cold-storage holdings, first of month, United States, 1976 and 1977

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	9,337	67,635	303,107	417,028	9,021	11,360	362,318	485,700
February.....	16,516	94,183	302,331	404,047	8,869	11,080	362,339	471,169
March.....	31,147	106,340	309,395	421,358	7,838	9,967	367,891	485,802
April.....	44,041	128,250	333,873	446,316	7,950	10,277	393,700	510,266
May.....	69,519	163,812	376,956	490,258	6,978	9,451	486,107	557,234
June.....	80,890	197,078	418,817	510,448	8,071	9,459	485,685	583,672
July.....	82,977	209,041	441,832	518,912	9,432	11,148	508,958	592,867
August.....	82,342	208,593	451,064	519,652	9,834	10,996	518,017	592,930
September.....	68,090	203,260	456,315	483,312	10,142	10,351	522,604	533,872
October.....	60,673	196,429	435,595	437,535	11,855	9,238	501,447	502,844
November.....	47,329	193,371	414,029	417,353	11,775	9,555	481,962	479,772
December.....	47,058	184,907	411,308	404,669	11,273	8,309	478,423	468,629

<sup>1</sup> Includes American, Swiss, and other types of natural cheese.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 555.—Dairy products: Dec. 31 stocks, United States, 1963-77

Year	Butter <sup>1</sup>	Cheese <sup>1,2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>5</sup>	Cream (milk equivalent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds
1963.....	206,963	340,701	131,659	3,768	5,274	486,171	83
1964.....	66,499	325,932	185,307	6,916	6,968	174,276	89
1965.....	52,096	308,562	134,755	5,924	5,000	154,402	83
1966.....	32,298	372,668	192,574	11,578	6,932	118,225	138
1967.....	168,613	429,289	190,246	5,780	6,116	256,208	96
1968.....	117,335	404,984	104,799	2,122	7,863	277,763	72
1969.....	88,636	317,566	149,739		6,576	221,700	93
1970.....	118,772	324,500	115,823		4,706	137,915	
1971.....	96,847	307,142	88,815		4,025	89,531	
1972.....	107,470	331,444	80,480		3,351	44,857	
1973.....	46,379	357,808	69,217		5,377	74,585	
1974.....	49,227	493,973	79,109		6,419	293,203	
1975.....	10,836	368,579	56,617		5,636	468,943	
1976.....	47,058	478,465	70,677		9,085	485,396	
1977 <sup>6</sup> .....	184,907	486,031	75,164		5,972	677,886	

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Beginning 1967, includes process American cheese held by CCC.<sup>3</sup> Beginning 1968, includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Total canned milk; data no longer shown separately.<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 556.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1963-77 <sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds
1963.....	58.4	57.3	307	1968.....	56.3	55.1	280	1973.....	54.2	53.4	257
1964.....	58.6	57.5	304	1969.....	55.2	54.0	272	1974.....	52.2	51.5	246
1965.....	58.8	57.8	302	1970.....	54.2	53.1	264	1975.....	52.4	51.8	245
1966.....	58.4	57.4	297	1971.....	54.0	53.0	260	1976.....	52.7	52.1	245
1967.....	56.9	55.7	285	1972.....	55.2	54.3	263	1977 <sup>2</sup> .....	51.6	51.0	238

<sup>1</sup> Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1978*, table 572.

Table 557.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1963-77<sup>1</sup>

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1963.....	1,644	1,379	8.9	1,778	1,719	9.2	2,378	2,170	11.6
1964.....	1,671	1,297	8.9	1,824	1,782	9.4	2,342	2,157	11.5
1965.....	1,367	1,232	6.4	1,864	1,826	9.6	2,231	2,040	10.6
1966.....	1,150	1,068	5.7	1,925	1,889	9.8	2,136	1,882	9.7
1967.....	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,787	9.0
1968.....	1,228	1,115	5.7	2,133	2,083	10.6	1,899	1,748	8.9
1969.....	1,186	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970.....	1,118	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971.....	1,171	1,040	5.1	2,627	2,486	12.2	1,622	1,393	6.8
1972.....	1,094	1,017	4.9	2,789	2,719	13.2	1,445	1,313	6.4
1973.....	1,025	999	4.8	2,888	2,849	13.7	1,353	1,248	6.0
1974.....	972	986	4.6	3,117	3,071	14.6	1,278	1,175	5.6
1975.....	1,024	1,012	4.8	3,115	3,072	14.5	1,339	1,119	5.3
1976.....	945	934	4.4	3,433	3,391	15.9	1,213	1,088	5.1
1977 <sup>5</sup> .....	958	947	4.4	3,546	3,501	16.3	1,129	1,031	4.8

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1963.....	3,444	3,354	18.0	91	48	0.26	2,296	1,087	5.8
1964.....	3,546	3,456	18.3	86	61	.32	2,462	1,110	5.9
1965.....	3,634	3,544	18.5	91	59	.31	2,010	1,069	5.6
1966.....	3,606	3,511	18.2	62	64	.33	1,619	1,132	5.9
1967.....	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.6
1968.....	3,711	3,616	18.4	78	46	.22	1,875	1,140	5.8
1969.....	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970.....	3,656	3,561	17.7	71	43	.21	1,630	1,079	5.4
1971.....	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972.....	3,685	3,600	17.4	76	24	.12	1,270	955	4.6
1973.....	3,714	3,634	17.5	76	21	.10	1,184	1,113	5.3
1974.....	3,753	3,679	17.5	67	15	.07	916	884	4.2
1975.....	4,018	3,945	18.7	63	16	.08	823	703	3.3
1976.....	3,926	3,856	18.1	75	33	.13	898	764	2.6
1977 <sup>5</sup> .....	3,878	3,808	17.7	72	34	.16	891	727	3.4

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed) unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1972*, table 573.

Table 558.—Dairy products: Average price per pound for specified products, 1967 and 1974-77

Item and market	1967	1974	1975	1976	1977
Butter, bulk, wholesale selling prices, New York:	Dollars	Dollars	Dollars	Dollars	Dollars
Grade AA (93-score).....	0.6765	0.6788	0.8204	0.9635	1.0251
Grade A (92-score).....	.6748	.6738	.8180	.9440	1.0152
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	.6671	.6609	.7041	.9328	.9865
Grade A (92-score).....	.6668	.6572	.7938	.9203	.9842
Butter, one-pound prints, wholesale selling prices, San Francisco:					
Grades AA and A (93-score and 92-score).....	.7898	.8042	.9729	1.1000	1.1324
Butter, spot cash call prices, <sup>1</sup> New York Mercantile Exchange:					
Grade AA (93-score).....	.7000	.7350	1.1600	1.1000	1.0475
Grade A (92-score).....	.6675	.6150	.6200	.8250	.9225
Butter, spot cash call prices, <sup>1</sup> Chicago Mercantile Exchange:					
Grade AA (93-score).....	.6875	.7125	1.0800	1.0700	1.0275
Grade A (92-score).....	.6575	.5950	.5950	.8000	.8975
Butter, spot cash call prices, <sup>1</sup> New York Mercantile Exchange:					
Grade AA (93-score).....	.6875	.7075	1.0800	1.0700	1.0150
Grade A (92-score).....	.6575	.5900	.5950	.7950	.8975
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels.....		.7514	.8290	.9084	.9132
40-pound blocks.....	.4522	.7989	.8661	.9630	.9683
Cheese, prices, <sup>1</sup> National Cheese Exchange, Inc.: <sup>2</sup>					
Cheddar, barrels.....	High .4200	.8250	.9625	.9800	.9400
Low .4025	.8450	.8475	.8625	.8175	
Cheddar, 40-pound blocks.....	High .4400	.8524	1.0000	1.0300	.9750
Low .4225	.6800	.6780	.8300	.8925	
Swiss, Grade A.....	High .5050	1.0500	1.2100	1.2850	1.2900
Low .4850	.8800	.9300	1.1400	1.2050	
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>3</sup> .....	.2675	.5816	.6322	.6278	.6660
Grade A.....		.5948	.6455	.6470	.6768
Whey powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....			.0754	.0684	.1213
Used for animal feed (spray process).....		.0941	.0602	.0614	.1108

<sup>1</sup> Prices represent high and low for the year.<sup>2</sup> Green Bay, Wisconsin.<sup>3</sup> Average for high and low heat processing.<sup>4</sup> Includes Grade A.

Agricultural Marketing Service.

Table 559.—Butter: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>				<b>Europe—Continued</b>			
Canada.....	129	114	111	Bulgaria.....	18	15	( <sup>2</sup> )
Mexico.....	8	8	8	Czechoslovakia.....	109	113	126
United States.....	445	444	496	German Dem. Rep.....	270	270	270
<b>Total</b> .....	<b>582</b>	<b>566</b>	<b>615</b>	Hungary.....	18	19	27
<b>South America:</b>				Poland.....	251	270	282
Argentina.....	40	40	42	Romania.....	37	38	( <sup>2</sup> )
Brasil.....	65	72	80	Yugoslavia.....	16	17	19
Chile.....	7	5	5	<b>Total Eastern Europe.....</b>	<b>717</b>	<b>742</b>	<b>724</b>
Peru.....	6	6	6	<b>Total Europe.....</b>	<b>2,685</b>	<b>2,802</b>	<b>2,754</b>
Venezuela.....	7	7	7	<b>Soviet Union.....</b>	<b>1,231</b>	<b>1,263</b>	<b>1,400</b>
<b>Total</b> .....	<b>125</b>	<b>130</b>	<b>140</b>	<b>Africa:</b>			
<b>Europe:</b>				South Africa.....	26	26	34
Belgium and Luxembourg.....	101	97	90	<b>Asia:</b>			
Denmark.....	139	139	131	India.....	451	455	457
France.....	556	550	545	Japan.....	40	44	56
Germany, Fed. Rep. of.....	521	544	536	<b>Total</b> .....	<b>491</b>	<b>499</b>	<b>513</b>
Ireland.....	86	101	99	<b>Oceania:</b>			
Italy.....	62	68	70	Australia <sup>3</sup> .....	161	148	118
Netherlands.....	204	202	178	New Zealand <sup>4</sup> .....	240	249	277
United Kingdom.....	48	90	115	<b>Total</b> .....	<b>401</b>	<b>397</b>	<b>395</b>
<b>Total EC.....</b>	<b>1,717</b>	<b>1,791</b>	<b>1,764</b>	<b>Grand total.....</b>	<b>5,541</b>	<b>5,683</b>	<b>5,841</b>
<b>Western Europe:</b>							
Austria.....	45	45	47				
Finland.....	74	83	73				
Greece.....	7	7	7				
Norway.....	20	24	26				
Portugal.....	2	2	2				
Spain.....	13	12	15				
Sweden.....	86	61	62				
Switzerland.....	34	35	34				
<b>Total Western Europe.....</b>	<b>1,968</b>	<b>2,060</b>	<b>2,030</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Not available.<sup>3</sup> Year ending June 30.<sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 560.—Cheese: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>				<b>Europe—Continued</b>			
Canada.....	121	125	130	Bulgaria.....	89	98	( <sup>2</sup> )
Mexico.....	113	113	116	Czechoslovakia.....	90	85	84
United States.....	1,375	1,513	1,517	German Dem. Rep.....	184	193	193
<b>Total.....</b>	<b>1,509</b>	<b>1,751</b>	<b>1,762</b>	Hungary.....	23	26	28
				Poland.....	283	310	323
<b>South America:</b>				Romania.....	75	( <sup>2</sup> )	( <sup>2</sup> )
Argentina.....	226	245	225	Yugoslavia.....	120	127	131
Brasil.....	147	150	180	<b>Total Eastern Europe.....</b>	<b>864</b>	<b>837</b>	<b>759</b>
Chile.....	11	11	15	<b>Total Europe.....</b>	<b>4,462</b>	<b>4,517</b>	<b>4,624</b>
Peru.....	30	31	31	<b>Soviet Union.....</b>	<b>550</b>	<b>613</b>	<b>640</b>
Venezuela.....	31	28	31	<b>Africa:</b>			
<b>Total.....</b>	<b>445</b>	<b>468</b>	<b>482</b>	South Africa.....	22	30	29
				<b>Asia and Oceania:</b>			
<b>Europe:</b>				Japan.....	9	9	9
Belgium and Luxembourg.....	41	43	46	Australia.....	99	113	103
Denmark.....	147	152	172	New Zealand.....	89	105	81
France.....	943	976	1,010	<b>Total.....</b>	<b>197</b>	<b>227</b>	<b>193</b>
Germany, Fed. Rep. of.....	618	649	695	<b>Grand total.....</b>	<b>7,194</b>	<b>7,806</b>	<b>7,730</b>
Ireland.....	62	49	54				
Italy.....	529	559	570				
Netherlands.....	375	382	409				
United Kingdom.....	259	304	220				
<b>Total EC.....</b>	<b>2,954</b>	<b>3,014</b>	<b>3,176</b>				
<b>Austria.....</b>	<b>60</b>	<b>62</b>	<b>65</b>				
<b>Finland.....</b>	<b>56</b>	<b>57</b>	<b>64</b>				
<b>Greece.....</b>	<b>157</b>	<b>155</b>	<b>157</b>				
<b>Norway.....</b>	<b>62</b>	<b>62</b>	<b>68</b>				
<b>Portugal.....</b>	<b>24</b>	<b>25</b>	<b>25</b>				
<b>Spain.....</b>	<b>100</b>	<b>110</b>	<b>120</b>				
<b>Sweden.....</b>	<b>81</b>	<b>84</b>	<b>87</b>				
<b>Switzerland.....</b>	<b>104</b>	<b>111</b>	<b>113</b>				
<b>Total Western Europe.....</b>	<b>3,598</b>	<b>3,680</b>	<b>3,865</b>				

<sup>1</sup> Preliminary. <sup>2</sup> Not available. <sup>3</sup> Year ending June 30. <sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 561.—Dairy products: United States imports by type of product, 1963-77

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar <sup>2</sup>	Other	Total		
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1963.....	887	7,495	1,432	28,736	37,663	338	39,861
1964.....	711	7,566	6,305	21,451	35,325	302	40,194
1965.....	625	7,136	7,261	21,578	35,975	339	41,633
1966.....	1,289	10,829	22,757	27,848	61,434	303	48,946
1967.....	421	10,973	27,305	30,569	68,847	307	45,210
1968.....	814	26,685	7,122	43,418	77,225	335	52,205
1969.....	871	14,858	7,092	43,414	65,364	308	52,666
1970.....	799	18,281	5,172	49,547	73,000	339	61,366
1971.....	973	16,292	4,466	40,898	61,656	285	48,054
1972.....	727	20,996	4,674	55,679	81,349	324	47,810
1973.....	120,913	29,593	9,802	65,025	104,222	19,880	51,172
1974.....	32,300	35,892	48,635	58,637	145,164	5,252	51,206
1975.....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976.....	824	34,639	3,649	55,714	94,002	255	50,867
1977 <sup>4</sup> .....	831	33,978	4,240	56,700	94,984	337	65,429

<sup>1</sup> Includes whole and skimmed milk. <sup>2</sup> Includes Emmentaler with eye-formation and Gruyère process cheese. <sup>3</sup> Beginning 1964, includes colby cheese. <sup>4</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-62 in *Agricultural Statistics, 1972*, table 579.

Table 562.—Dairy products: United States imports by country of origin, 1975-77

Commodity and country of origin	1975	1976	1977 <sup>1</sup>	Commodity and country of origin	1975	1976	1977 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, Swiss:<sup>2</sup></b>			
Argentina.....	20	69	133	Austria.....	6,857	7,180	7,418
Denmark.....	29	20	18	Denmark.....	1,626	2,238	1,905
Sweden.....	42	0	0	Finland.....	5,401	9,187	10,202
New Zealand.....	145	162	149	France.....	356	895	568
Other countries.....	3	4	37	Germany, Fed. Rep. of.....	685	1,729	1,533
<b>Total.....</b>	<b>239</b>	<b>255</b>	<b>337</b>	Iceland.....	219	32	109
<b>Cheese, all types:</b>				Netherlands.....	108	97	131
Canada.....	1,348	1,648	1,389	Norway.....	6,784	7,906	7,105
Argentina.....	3,922	5,066	4,358	Switzerland.....	4,032	4,978	4,495
Austria.....	7,388	8,065	8,273	Other countries.....	359	614	812
Belgium and Luxembourg.....	33	18	18	<b>Total.....</b>	<b>26,717</b>	<b>34,639</b>	<b>33,978</b>
Denmark.....	14,284	13,672	10,905	<b>Milk, nonfat dry milk:</b>			
Finland.....	6,033	9,942	11,049	Canada.....	220	219	218
France.....	4,916	5,274	5,295	Australia.....	899	900	810
Germany, Fed. Rep. of.....	1,643	2,314	1,999	New Zealand.....	3	3	0
Greece.....	1,198	450	817	Other countries.....	0	2	0
Iceland.....	516	326	680	<b>Total.....</b>	<b>1,122</b>	<b>824</b>	<b>828</b>
Ireland.....	329	161	96	<b>Casein:</b>			
Italy.....	7,277	6,693	5,956	Canada.....	267	225	112
Netherlands.....	4,276	4,209	3,943	Argentina.....	3,416	4,594	3,164
Norway.....	7,430	8,487	7,532	Uruguay.....	0	105	280
Portugal.....	282	433	629	Denmark.....	195	356	0
Sweden.....	1,015	1,388	1,273	France.....	2,387	80	44
Switzerland.....	5,118	6,210	5,847	Germany, Fed. Rep. of.....	1,573	524	205
United Kingdom.....	299	674	375	Ireland.....	2,570	1,506	1,950
Bulgaria.....	212	441	186	Netherlands.....	1,038	499	282
Czechoslovakia.....	181	262	235	Norway.....	264	196	404
Hungary.....	162	121	238	United Kingdom.....	299	123	757
Poland.....	1,166	1,120	1,094	Poland.....	1,809	1,280	1,951
Romania.....	699	1,140	1,361	Soviet Union.....	1,516	877	1,957
Yugoslavia.....	127	324	300	Australia.....	4,518	15,149	10,510
Australia.....	2,092	2,472	3,821	New Zealand.....	6,662	25,201	43,694
New Zealand.....	9,315	12,539	15,832	Other countries.....	20	152	119
Other countries.....	162	629	423	<b>Total.....</b>	<b>26,510</b>	<b>50,867</b>	<b>65,429</b>
<b>Total.....</b>	<b>81,413</b>	<b>93,995</b>	<b>93,984</b>				
<b>Cheese, cheddar:<sup>3</sup></b>							
Canada.....	606	453	327				
Austria.....	31	26	22				
Germany, Fed. Rep. of.....	2	0	0				
Ireland.....	177	20	34				
Netherlands.....	24	5	26				
United Kingdom.....	9	1	16				
Australia.....	865	686	1,033				
New Zealand.....	3,117	2,428	2,789				
Other countries.....	3	0	0				
<b>Total.....</b>	<b>4,834</b>	<b>3,640</b>	<b>4,247</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby cheese.<sup>3</sup> Includes Emmentaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 563.—Dairy products: Exports by principal exporting countries, 1974-76

Commodity and country of destination	1974	1975	1976 <sup>1</sup>	Commodity and country of destination	1974	1975	1976 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Condensed milk:</b>			
Belgium and Luxembourg.....	82,853	71,055	66,109	United States <sup>1</sup> .....	998	953	2,141
Denmark.....	101,206	98,342	91,238	Denmark <sup>1</sup> .....	6,039	3,038	2,676
France.....	94,748	77,959	80,306	France.....	54,311	37,782	42,435
Germany, Fed. Rep. of.....	153,872	142,952	110,322	Netherlands.....	95,658	66,590	71,872
Ireland.....	39,638	57,410	67,556	Switzerland.....	5,080	3,629	2,391
Netherlands.....	186,297	181,649	198,222	United Kingdom.....	2,867	1,037	120
Soviet Union.....	18,552	20,321	16,515	Australia <sup>2</sup> .....	1,542	2,495	2,175
Australia <sup>3</sup> .....	38,602	18,960	52,500				
New Zealand <sup>4</sup> .....	138,030	130,980	210,116	<b>Total</b> .....	<b>166,195</b>	<b>117,514</b>	<b>123,810</b>
<b>Total</b> .....	<b>853,888</b>	<b>808,638</b>	<b>802,988</b>	<b>Milk, dried whole:</b>			
<b>Cheese:</b>				United States <sup>1</sup> .....	20,276	15,785	14,698
Denmark.....	95,045	100,204	116,198	Belgium and Luxembourg.....	22,267	23,168	35,073
Finland.....	22,690	21,546	27,189	Denmark.....	43,599	42,576	50,814
France.....	163,242	154,108	175,222	Finland.....	27,352	22,317	22,601
Germany, Fed. Rep. of.....	101,473	105,363	128,502	France.....	59,925	42,829	64,188
Ireland.....	46,812	57,302	56,254	Ireland.....	7,048	9,605	12,520
Italy.....	26,714	26,390	26,780	Netherlands.....	88,247	101,593	123,061
Netherlands.....	230,857	225,654	242,537	United Kingdom.....	11,184	11,096	11,526
Switzerland.....	51,710	53,705	54,398	Australia <sup>2</sup> .....	22,408	27,261	23,968
Australia <sup>3</sup> .....	38,057	34,247	31,624				
New Zealand <sup>4</sup> .....	69,536	64,592	80,760	<b>Total</b> .....	<b>302,306</b>	<b>295,630</b>	<b>357,847</b>
<b>Total</b> .....	<b>845,806</b>	<b>843,012</b>	<b>930,332</b>	<b>Milk, nonfat dry milk:</b>			
<b>Evaporated milk:</b>				Canada.....	58,605	36,370	96,166
United States <sup>1</sup> .....	18,461	23,406	20,185	United States <sup>1</sup> .....	3,039	41,074	4,684
Belgium and Luxembourg.....	871	386	781	Belgium and Luxembourg.....	77,890	47,623	39,769
France.....	41,882	14,991	15,606	Denmark.....	35,907	10,554	29,928
Netherlands.....	292,002	272,997	298,274	France.....	224,458	115,501	179,168
United Kingdom.....	12,883	13,645	20,442	Germany, Fed. Rep. of.....	178,950	149,471	114,802
Australia <sup>3</sup> .....	2,223	3,403	5,820	Ireland.....	60,602	100,283	141,735
<b>Total</b> .....	<b>368,322</b>	<b>328,918</b>	<b>370,108</b>	Netherlands.....	74,430	52,908	154,656
				United Kingdom.....	50,421	59,577	115,445
				Australia <sup>2</sup> .....	94,258	67,359	95,108
				New Zealand <sup>4</sup> .....	215,549	113,672	110,066
				<b>Total</b> .....	<b>1,082,989</b>	<b>801,401</b>	<b>1,083,530</b>

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of the U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 564.—Dairy products: United States exports<sup>1</sup> by country of destination, 1975-77

Commodity and country of destination	1975	1976	1977 <sup>2</sup>	Commodity and country of destination	1975	1976	1977 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, all types—Con.</b>			
Bahamas.....	43	28	60	Canada.....	1,221	1,017	1,678
Canada.....	76	7	32	Haiti.....	59	49	60
Honduras.....	71	37	0	Jamaica.....	127	88	46
Jamaica.....	5	0	0	Mexico.....	201	227	134
Mexico.....	67	41	33	Netherlands Antilles.....	93	115	149
Trust Territory of the Pacific Islands.....	25	8	2	Panama.....	391	538	624
Other countries.....	26	79	145	Trinidad and Tobago.....	18	31	34
<b>Total</b> .....	<b>313</b>	<b>200</b>	<b>272</b>	Venezuela.....	137	228	224
				Greece.....	151	10	21
<b>Cheese, all types:</b>				United Kingdom.....	85	7	0
Bahamas.....	323	299	264	Liberia.....	31	23	18
Bermuda.....	150	138	139	South Africa.....	19	21	1
				Japan.....	345	496	489

See footnotes at end of table.

Table 564.—Dairy products: United States exports<sup>1</sup> by country of destination, 1975-77—Continued

Metric tons	Commodity and country of destination			Metric tons	Commodity and country of destination			Metric tons
	1975	1976	1977 <sup>2</sup>		1975	1976	1977 <sup>2</sup>	
1976 <sup>1</sup>								
2,141	Cheese, all types—Con.				Milk, nonfat dry—Con.			
2,676								
42,435	Hong Kong.....	39	49	71	Mexico.....	217	334	69
71,872	Lebanon.....	19	0	0	Bolivia.....	294	0	0
2,391	Saudi Arabia.....	54	91	103	Brazil.....	0	0	417
2,120	Singapore.....	37	39	36	Colombia.....	254	3	0
2,175	Other countries.....	400	473	571	Paraguay.....	285	0	0
123,810	Total.....	3,880	3,939	4,660	Peru.....	159	183	456
14,098	Evaporated milk:				Venezuela.....	4	8	32
35,073	Bahamas.....	251	102	122	France.....	1	0	0
80,514	Jamaica.....	247	6	0	Netherlands.....	0	0	13
22,801	Mexico.....	22,463	18,306	11,327	Switzerland.....	0	43	16
64,188	Panama.....	1	0	0	United Kingdom.....	170	15	9
12,820	Colombia.....	117	161	13	Algeria.....	2,988	0	1,347
123,061	Spain.....	5	23	13	Egypt.....	611	0	69
11,826	Trust Territory of the Pacific Islands.....	492	613	724	Mozambique.....	513	2	228
23,966	Other countries.....	443	974		South Africa.....	304	0	0
357,547	Total.....	24,019	20,185	12,208	Sudan.....	3,856	0	314
98,166	Condensed milk:				Zaire.....	82	0	0
4,684	Bahamas.....	7	11	247	Afghanistan.....	1,584	3	1
30,769	Mexico.....	620	1,530	1,839	Bangladesh.....	2,484	0	985
20,928	Guinea.....	243	285	230	Hong Kong.....	33	24	27
179,168	Indonesia.....	3	107	17	India.....	22,231	84	1,031
114,802	Other countries.....	84	228	375	Indonesia.....	409	672	701
141,733	Total.....	957	2,141	2,408	Iran.....	7	15	0
154,656	Milk, dried whole:				Japan.....	77	33	48
115,448	Bahamas.....	137	38	34	Lebanon.....	91	0	84
95,108	Canada.....	699	663	782	Pakistan.....	2,418	6	225
110,066	Costa Rica.....	23	16	13	Philippines.....	132	1,449	8,901
1,083,530	El Salvador.....	61	109	144	Other countries.....	1,410	1,643	2,626
sign source information.	Guatemala.....	157	56	38				
	Jamaica.....	147	72	22				
	Mexico.....	1,740	4,702	2,793				
	Argentina.....	389	439	379				
	Bolivia.....	458	0	104				
	Colombia.....	69	393	640				
	Venezuela.....	451	411	439				
	Austria.....	68	2	0				
	France.....	580	0	1				
	Spain.....	386	18	0				
	United Kingdom.....	147	22	0				
	South Africa.....	51	62	501				
	China, Rep. of.....	1,054	431	58				
	Hong Kong.....	477	347	14				
	Iran.....	100	34	8				
	Japan.....	4,455	3,788	1,828				
	Malaysia.....	182	1	1				
	Philippines.....	1,650	829	1,069				
	Singapore.....	231	139	65				
	Thailand.....	150	141	78				
	Australia.....	775	194	465				
	Other countries.....	1,076	1,193	1,113				
	Total.....	15,783	14,098	10,579				
	Milk, nonfat dry:							
	Canada.....	388	153	224				
	Jamaica.....	73	24	0				
	Total.....	461	177	224				
	Infants' dietary supplements, dry milk base:							
	Canada.....	329	1,496	2,185				
	Dominican Republic.....	191	295	204				
	Guatemala.....	74	49	41				
	Honduras.....	59	47	26				
	Jamaica.....	398	411	95				
	Mexico.....	5	4	4				
	Panama.....	229	234	182				
	Ecuador.....	21	37	101				
	Peru.....	985	363	809				
	Greece.....	3	0	1				
	Ireland.....	9	8	7				
	Egypt.....	298	187	180				
	Ethiopia.....	3	0	1				
	Libya.....	308	36	1				
	Nigeria.....	196	67	10				
	China, Rep. of.....	2,121	2,132	1,614				
	Hong Kong.....	590	1,002	1,016				
	Indonesia.....	37	0	18				
	Iran.....	241	6	159				
	Japan.....	2	2	131				
	Malaysia.....	43	13	0				
	Philippines.....	378	176	56				
	Saudi Arabia.....	95	88	15				
	Singapore.....	35	0	1				
	Thailand.....	678	670	309				
	Vietnam.....	285	0	0				
	Australia.....	188	438	180				
	Other countries.....	1,011	1,333	1,010				
	Total.....	8,663	9,104	8,406				

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 565.—Dairy products: Price-support operations, United States, 1963-77

Marketing year <sup>1</sup>	Manufacturing milk		Butterfat		Product purchase price per pound <sup>2</sup>				Product purchases <sup>7</sup>				
	Support level		Average price re- ceived per cwt.	Support level		Average price re- ceived per pound	Butter ( <sup>4</sup> )	Cheddar cheese ( <sup>5</sup> )	Nonfat dry milk, spray process ( <sup>6</sup> )	Quantity		Percentage of milk and cream mar- keted by farmers	
	Per cwt.	Per- centage of par- ity <sup>3</sup>		Per pound	Per- centage of par- ity <sup>3</sup>					Milk- fat con- tent	Non- fat solids con- tent	Milk- fat con- tent	Non- fat solids con- tent
	Dollars	Per- cent	Dollars	Cents	Per- cent	Cents	Cents	Cents	Cents	Mil- lion pounds	Mil- lion pounds	Per- cent	Per- cent
1963-----	3.14	75	3.24	58.1	75	59.6	57.966	35.6	14.4	280	925	6.3	9.4
1964-----	3.15	75	3.29	58.0	75	60.4	57.966	35.6	14.4	239	775	5.4	7.7
1965-----	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	677	2.1	6.9
1966-----	3.50	78	4.11	61.6	75	68.6	60.966	39.3	16.6	102	418	2.4	4.3
	4.00	89		68.0	83		66.466	43.75	19.6				
1967-----	4.00	87	4.07	68.0	81	68.2	66.466		19.6	259	666	6.2	7.0
							66.442		19.88				
1968-----	4.28	89	4.30	66.0	77	68.4	66.418	47.0	23.35	180	568	4.4	6.0
							66.394						
1969-----	4.28	83	4.55	68.6	75	69.6	67.644	48.0	23.35	168	375	4.1	3.9
							67.596						
							68.846						
1970-----	4.66	85	4.76	71.5	75	71.1	69.798	52.0	27.2	274	470	6.6	4.9
							69.711						
							69.784	54.75	31.7	252	489	6.0	5.0
1971-----	4.93	85	4.91	(17)	(17)	69.5	67.784	54.75	31.7				
1972-----	4.93	79	5.22	(17)	(17)	68.1	67.708	54.75	31.7	206	283	4.9	2.9
	5.29	85					60.9	62.0	37.5				
1973-----	5.29	75	6.95	(17)	(17)	68.3	60.9	62.0	37.5	28	53	.7	.6
	5.29	80					60.9	65.0	41.4				
1974-----	6.57	81	6.87	(17)	(17)	61.3	60.57	70.75	56.6	92	415	2.2	4.3
	7.24	89					68.07	77.25	60.6				
1975-----	7.24	79	8.12	(17)	(17)	74.6	69.19	79.25	60.6	52	301	1.3	3.1
	7.24	84					79.69	85.00	62.4				
1976-----	8.13	80	8.52	(17)	(17)	83.4	85.817	90.50	62.4	127	331	2.9	3.3
	8.26	81					90.817	92.50					
(25)	(9.00)	(82)	(8.64)	(17)	(17)		(100.71)	(98.00)	(68.0)	(140)	(364)	(6.3)	(6.8)
1977 <sup>1</sup>	9.00	82		(17)	(17)		100.71	98.00	68.0				
	9.43	86					106.71	103.25	71.0				

<sup>1</sup> Marketing year changed from April-March to October-September on Oct. 1, 1977.<sup>2</sup> Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year.<sup>3</sup> Announced purchase prices for products in bulk containers.<sup>4</sup> Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York.<sup>5</sup> U.S. Grade A or higher, standard moisture basis.<sup>6</sup> U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in barrels and drums through Nov. 3, 1954; 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967; and 50-lb. bags beginning Aug. 19, 1967.<sup>7</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1965-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973.<sup>8</sup> Effective June 30, 1966.<sup>9</sup> Effective Aug. 19, 1967.<sup>10</sup> Effective for product in 50-lb. bags, beginning Aug. 10, 1967.<sup>11</sup> Effective June 24, 1968.<sup>12</sup> Effective Nov. 25, 1968.<sup>13</sup> Effective Nov. 19, 1969.<sup>14</sup> Effective June 9, 1970.<sup>15</sup> Effective Nov. 20, 1970.<sup>16</sup> Effective Jan. 10, 1971.<sup>17</sup> The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973.<sup>18</sup> Effective Mar. 15, 1973.<sup>19</sup> Effective Aug. 10, 1973.<sup>20</sup> Effective Jan. 4, 1975.<sup>21</sup> Effective Oct. 2, 1975.<sup>22</sup> Effective Oct. 1, 1976.<sup>23</sup> Calendar year average.<sup>24</sup> Transition period.<sup>25</sup> Effective Apr. 1, 1978 (80 percent of parity as of that date).Agricultural Stabilization and Conservation Service. Data for 1949-62 in *Agricultural Statistics, 1972*, table 583.

Table 566.—Dairy products: United States exports <sup>1</sup> by type of product, 1963-77

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1963.....	25,999	4,187	29,717	25,669	13,522	242,672
1964.....	29,124	3,773	16,913	25,503	5,596	380,367
1965.....	20,590	3,098	11,191	29,859	8,456	199,171
1966.....	1,074	2,712	17,400	42,776	7,069	77,266
1967.....	152	2,860	15,318	13,247	5,397	63,904
1968.....	703	2,968	14,831	19,370	7,790	68,308
1969.....	244	2,590	16,849	23,068	6,308	50,633
1970.....	143	3,055	15,110	7,452	5,713	96,293
1971.....	41,192	2,948	14,820	15,947	19,708	86,337
1972.....	18,907	2,904	18,373	6,738	17,060	70,272
1973.....	1,801	3,180	18,768	895	22,427	4,716
1974.....	264	3,433	18,449	1,013	20,284	3,039
1975.....	313	3,879	24,019	957	15,783	41,074
1976.....	199	3,939	20,185	2,141	14,098	4,694
1977 <sup>2</sup> .....	272	4,650	13,057	2,408	10,579	17,580

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-62 in *Agricultural Statistics, 1972*, table 580.Table 567.—Chickens: Number and value, United States, Dec. 1, 1969-77 <sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1969.....	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,483
1970.....	134,376	189,007	50,206	52,994	6,097	433,280	1.21	525,206
1971.....	136,915	181,062	50,559	46,908	6,318	421,763	1.23	517,319
1972.....	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973.....	125,708	168,095	52,026	56,854	6,086	405,769	1.62	662,509
1974.....	121,849	164,184	46,752	45,832	5,494	384,101	1.70	653,305
1975.....	122,513	157,230	48,404	45,261	5,346	379,754	1.74	659,960
1976.....	118,998	160,656	47,799	45,184	5,631	378,238	1.70	643,611
1977 <sup>2</sup> .....	118,156	168,422	47,407	46,534	5,992	386,521	1.69	652,268

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 568.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1975-77

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.	5,080	3,950	5,600	7,450	9,550	8,610	12,500	13,500	14,210
Alaska	5	23	21	20	8	6	25	31	27
Ariz.	467	505	257	183	262	281	650	767	538
Ark.	6,032	6,205	5,894	9,584	9,419	11,408	15,616	15,625	17,300
Calif.	22,978	21,949	20,664	14,714	14,953	15,736	37,692	36,922	36,406
Colo.	1,067	970	940	1,043	1,160	1,380	2,050	2,130	2,320
Conn.	1,825	1,820	1,848	1,811	1,965	1,852	3,336	3,785	3,700
Del.	197	238	228	353	372	352	550	610	580
Fla.	5,778	6,472	6,340	6,382	6,003	6,817	12,160	13,075	13,157
Ga.	7,571	6,871	7,754	15,629	17,192	16,646	23,200	24,063	26,400
Hawaii	631	632	677	323	377	327	954	1,009	1,004
Idaho	375	485	528	455	296	368	830	781	894
Ill.	2,430	2,080	2,200	4,170	4,220	3,750	6,800	6,300	5,950
Ind.	4,028	5,927	4,824	9,672	7,273	8,576	13,700	13,200	13,400
Iowa	3,800	2,980	2,490	6,130	6,270	5,660	8,630	9,350	8,130
Kans.	1,094	937	851	1,510	1,563	1,199	2,574	2,500	2,050
Ky.	700	800	900	1,600	1,750	1,800	2,300	2,550	2,500
La.	1,148	1,250	1,217	1,795	1,565	1,353	2,943	2,845	2,570
Maine	3,495	4,019	1,700	3,613	3,481	5,300	7,108	7,500	7,000
Md.	573	630	640	821	820	710	1,394	1,450	1,350
Mass.	725	593	450	786	782	970	1,511	1,375	1,420
Mich.	2,790	3,060	2,967	3,650	3,380	3,333	6,440	6,440	6,300
Minn.	3,850	3,330	3,700	6,120	5,720	5,800	10,070	9,100	9,500
Miss.	2,262	2,358	3,209	5,102	5,154	4,491	7,264	7,540	7,700
Mo.	1,900	2,050	1,975	3,200	3,100	3,075	4,100	5,150	5,050
Mont.	514	432	303	346	348	465	860	780	788
Nebr.	1,650	1,240	1,200	2,000	2,110	2,300	3,650	3,350	3,300
Nev.	16	22	9	5	6	2	21	28	11
N.H.	358	349	324	681	565	536	1,039	914	860
N.J.	1,588	1,275	741	1,130	1,025	1,111	2,718	2,300	1,852
N. Mex.	607	442	690	560	660	658	1,107	1,102	1,348
N.Y.	2,830	3,420	3,340	4,220	4,180	4,260	8,050	7,600	7,600
N.C.	5,220	4,324	5,140	6,780	7,749	6,580	12,000	12,073	14,000
N. Dak.	246	192	190	334	328	240	580	520	430
Ohio	4,020	3,830	3,770	4,980	4,870	4,630	9,000	8,700	8,700
Okl.	933	812	760	1,167	1,223	1,690	2,100	2,035	2,450
Oreg.	1,270	1,350	1,250	1,030	950	1,030	2,300	2,300	2,280
Pa.	4,958	4,565	5,625	6,427	7,335	7,875	11,385	11,900	13,500
R.I.	81	53	134	121	143	96	292	196	230
S.C.	2,730	2,276	2,280	3,370	2,774	3,220	6,100	5,050	5,090
S. Dak.	1,222	1,044	1,057	1,928	1,650	1,657	3,150	2,700	2,714
Tenn.	2,070	1,980	1,950	2,630	2,395	2,355	4,100	4,375	4,315
Texas	2,540	2,440	4,050	7,460	8,190	6,950	10,000	10,900	11,000
Utah	771	724	859	513	663	810	1,284	1,387	1,669
Vt.	125	140	180	347	346	350	472	496	530
Va.	1,320	1,317	1,634	2,078	2,360	2,316	3,398	3,677	3,950
Wash.	2,778	2,732	2,654	1,574	1,561	2,055	4,332	4,293	4,709
W. Va.	500	490	300	540	579	420	1,040	970	720
Wis.	2,622	2,375	1,800	2,806	2,325	2,475	5,428	4,700	4,275
Wyo.	63	61	32	47	59	65	110	120	97
U.S.	122,513	118,998	118,156	157,230	160,656	168,422	279,743	279,654	286,578

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 569.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1975-77

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>	1975	1976	1977 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.	2,710	3,130	2,720	2,990	3,090	3,400	500	560	570
Alaska	65	12	17	45	15	7	1	1	1
Ariz.	3,732	3,853	4,147	3,854	3,615	3,331	796	827	846
Ark.	5,247	4,854	4,320	4,892	4,165	4,706	240	250	190
Calif.	285	415	155	270	165	360	10	15	15
Colo.	535	959	850	598	638	709	27	8	21
Conn.	134	131	160	103	161	139	68	48	71
Del.	2,459	1,959	1,704	2,295	2,351	2,045	111	119	136
Fla.	5,400	4,900	4,945	5,084	4,300	4,765	644	753	612
Ga.	127	97	137	162	158	160			
Idaho	123	153	175	107	148	101	10	7	14
Ill.	810	680	635	610	750	846	80	70	98
Ind.	3,114	2,521	2,745	2,588	2,843	2,785	78	56	76
Iowa	1,320	1,530	1,330	1,150	1,200	1,490	100	100	100
Kans.	232	340	185	282	295	191	31	34	24
Ky.	230	400	550	400	260	380	70	90	70
La.	565	400	700	471	525	420	65	80	100
Maine	1,764	1,636	1,416	1,731	1,750	1,525	85	91	144
Md.	210	227	197	230	227	170	76	61	58
Mass.	293	239	280	268	241	170	19	15	50
Mich.	847	641	915	822	799	703	33	32	41
Minn.	1,550	1,350	1,320	1,400	1,110	1,460	120	120	130
Miss.	1,787	1,523	1,640	1,912	1,589	1,738	249	307	463
Mo.	1,050	1,110	1,155	780	800	1,000	90	40	45
Mont.	78	83	79	77	138	134	5	4	4
Nebr.	301	283	371	260	163	189	39	35	30
Nev.	1	1	1	1	1	1	1	1	1
N.H.	205	216	260	136	190	265	20	24	15
N.J.	150	96	126	180	143	74	6	8	6
N. Mex.	168	239	390	188	97	230	7	12	2
N.Y.	1,310	1,300	1,490	1,230	1,150	1,250	60	50	60
N.C.	3,000	3,135	3,840	2,316	2,840	3,060	684	752	800
N. Dak.	30	38	38	61	30	29	11	12	13
Ohio	1,110	1,035	1,160	1,745	1,680	1,660	85	85	80
Okl.	350	348	340	471	429	260	79	88	80
Oreg.	219	210	310	300	260	190	51	30	20
Pa.	1,348	1,354	1,364	1,005	1,122	1,491	112	136	165
R.I.	20	20	18	17	7	1	1	1	1
S.C.	1,300	1,138	1,012	1,200	854	912	85	71	76
S. Dak.	393	313	294	252	235	176	23	13	16
Tenn.	515	530	660	500	510	525	85	95	100
Tex.	1,110	2,190	1,080	750	1,590	1,380	240	220	240
Utah	239	223	136	207	210	284	4	1	5
Va.	83	83	30	55	84	3	3	3	6
Vt.	792	686	948	781	776	481	119	146	143
Wash.	433	633	574	611	644	398	51	51	35
W. Va.	90	97	90	42	40	140	24	23	30
Wis.	560	572	684	830	794	738	61	64	44
Wyo.	4	6	4	2	2	2	2	2	2
U.S.	48,404	47,760	47,407	46,261	45,184	46,554	5,346	5,631	5,992

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 570.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1975-77<sup>1</sup>

State	Number			Value per head			Total value		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	18,700	20,300	20,900	1.60	1.45	1.60	29,920	29,435	33,440
Alaska	28	32	28	3.55	3.80	4.45	92	122	125
Ariz.	765	765	565	1.80	2.00	1.60	1,377	1,530	904
Ark.	23,998	23,920	25,624	1.65	1.65	1.90	39,597	39,468	48,686
Calif.	48,071	46,191	45,616	2.15	1.75	1.55	103,353	80,834	70,705
Colo.	2,615	2,725	2,850	1.60	1.80	1.60	4,184	4,905	4,560
Conn.	4,496	5,390	5,280	2.30	2.35	2.30	10,341	12,667	11,616
Del.	855	950	950	1.80	1.85	2.00	1,539	1,758	1,900
Fla.	17,005	17,504	17,042	1.40	1.55	1.40	23,807	27,131	23,859
Ga.	34,328	34,016	36,923	1.60	1.60	1.60	54,925	54,436	59,077
Hawaii	1,345	1,254	1,301	2.30	2.45	2.60	3,089	3,072	3,385
Idaho	1,070	1,089	1,187	1.65	1.70	1.70	1,766	1,851	2,018
Ill.	8,100	7,800	7,500	1.55	1.50	1.45	12,555	11,700	10,875
Ind.	19,480	18,620	19,010	1.60	1.45	1.35	31,168	26,909	25,664
Iowa	11,200	12,080	11,070	1.55	1.55	1.60	17,360	18,724	17,712
Kans.	3,139	3,169	2,450	1.45	1.55	1.70	4,552	4,912	4,165
Ky.	3,000	3,300	3,500	1.85	1.70	1.90	5,550	5,610	6,650
La.	4,047	3,850	3,790	1.75	1.90	1.95	7,082	7,315	7,391
Maine	10,688	10,977	10,085	2.15	2.30	2.20	22,979	25,247	22,187
Md.	1,910	1,965	1,775	1.95	1.90	2.05	3,725	3,734	3,639
Mass.	2,001	1,870	1,920	2.35	2.40	2.05	4,614	4,498	3,936
Mich.	8,142	7,912	7,659	1.60	1.65	1.55	13,027	13,055	10,745
Minn.	13,140	11,680	12,410	1.40	1.55	1.75	18,396	18,104	21,718
Miss.	11,312	10,959	11,541	1.95	1.90	1.95	22,058	20,822	22,505
Mo.	7,020	7,100	7,250	1.55	1.60	1.50	10,881	11,360	10,875
Mont.	1,020	1,005	985	1.70	1.90	1.95	1,734	1,910	1,921
Nebr.	4,250	3,830	4,050	1.70	1.80	1.70	7,225	6,864	6,953
Nev.	24	31	14	1.95	1.95	2.15	47	60	30
N.H.	1,403	1,344	1,400	2.30	2.30	2.10	3,227	3,091	2,940
N.J.	5,054	2,547	2,058	1.85	1.75	1.85	9,350	4,457	3,807
N. Mex.	1,470	1,450	1,970	1.70	1.85	1.90	2,499	2,683	3,743
N.Y.	10,650	10,000	10,400	2.00	2.10	2.00	21,300	21,000	20,800
N.C.	18,000	18,800	21,400	1.55	1.55	1.65	27,900	29,140	35,310
N. Dak.	682	600	510	1.45	1.65	1.80	989	990	918
Ohio	11,940	11,500	11,000	1.85	1.70	1.50	22,089	19,550	17,400
Okl.	3,000	2,900	3,100	1.45	1.65	1.65	4,350	4,785	5,115
Oreg.	2,850	2,800	2,800	1.95	2.00	2.00	5,558	5,600	5,600
Pa.	18,650	14,512	16,520	1.70	1.85	1.90	31,945	26,547	31,388
R.I.	240	224	250	2.45	2.55	2.35	588	571	588
S.C.	8,685	7,113	7,600	1.80	1.65	1.60	15,633	11,736	12,160
S. Dak.	3,818	3,261	3,200	1.50	1.80	1.75	5,727	5,870	5,600
Tenn.	5,200	5,500	5,600	1.70	1.55	1.50	8,840	8,525	8,400
Tex.	12,100	14,600	13,700	1.45	1.60	1.80	17,545	23,360	24,660
Utah	1,734	1,821	2,094	1.85	1.75	1.80	3,208	3,187	3,769
Vt.	613	656	650	2.25	2.40	2.35	1,379	1,574	1,528
Va.	5,090	5,255	5,522	1.65	1.80	1.95	8,399	9,513	10,768
Wash.	5,447	5,621	5,716	1.75	1.80	1.65	9,532	10,118	9,431
W. Va.	1,196	1,130	980	1.70	1.55	1.45	2,033	1,782	1,421
Wis.	6,879	6,130	5,741	1.85	1.75	1.65	12,726	10,728	9,473
Wyo.	118	130	105	1.95	1.85	2.00	230	241	210
U.S.	379,754	378,238	386,531	1.74	1.70	1.69	659,960	643,511	652,268

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

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Table 571.—Chickens: Number in specified countries, 1975-77<sup>1</sup>

Continent and country	1975	1976	1977 <sup>2</sup>
	Millions	Millions	Millions
<b>North America:</b>			
Canada.....	28	34	23
Mexico.....	34	35	37
United States.....	286	281	279
<b>Total.....</b>	<b>346</b>	<b>340</b>	<b>339</b>
<b>South America:</b>			
Argentina.....	28	28	28
Brazil.....	34	34	34
Peru.....	5	6	6
Venezuela.....	7	7	7
<b>Total.....</b>	<b>74</b>	<b>75</b>	<b>75</b>
<b>Europe:</b>			
Belgium and Luxembourg.....	15	14	14
Denmark.....	5	5	5
France.....	64	64	62
Germany, Fed. Rep. of.....	63	60	63
Ireland.....	4	4	4
Italy.....	51	51	53
Netherlands.....	20	20	21
United Kingdom.....	59	58	59
<b>Total EC.....</b>	<b>281</b>	<b>276</b>	<b>280</b>
Austria.....	8	8	9
Finland.....	6	6	6
Greece.....	22	23	23
Spain.....	48	50	53
Sweden.....	8	7	7
Switzerland.....	3	3	3
<b>Total Western Europe.....</b>	<b>376</b>	<b>373</b>	<b>381</b>
Bulgaria.....	15	( <sup>3</sup> )	( <sup>3</sup> )
Czechoslovakia.....	21	21	21
German Dem. Rep.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hungary.....	28	28	26
Poland.....	83	67	75
Romania.....	42	45	47
Yugoslavia.....	32	33	34
<b>Total Eastern Europe.....</b>	<b>221</b>	<b>192</b>	<b>203</b>
<b>Total Europe.....</b>	<b>597</b>	<b>565</b>	<b>584</b>
<b>Soviet Union.....</b>	<b>455</b>	<b>450</b>	<b>460</b>
<b>Africa:</b>			
South Africa <sup>4</sup> .....	12	13	14
<b>Asia and Oceania:</b>			
Israel.....	8	8	6
Japan.....	146	148	152
Lebanon.....	3	( <sup>3</sup> )	( <sup>3</sup> )
Turkey.....	39	46	47
Australia <sup>4</sup> .....	12	11	11
<b>Total.....</b>	<b>208</b>	<b>211</b>	<b>216</b>
<b>Grand total.....</b>	<b>1,693</b>	<b>1,654</b>	<b>1,688</b>

<sup>1</sup> Chickens in laying flock.<sup>2</sup> Preliminary.<sup>3</sup> Not available.<sup>4</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 372.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1977 (preliminary) 1

State	Number				Pounds (five weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost	Produced	Consumed on production units	Sold	Produced	Consumed on production units					
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	15,300	2,000	13,200	600	12,000	64,225	1,000	12.2	7,835	7,320	220	7,140
Alaska.....	371	8	23	23	11	104	1,000	21.0	27	9	22	31
Ariz.....	140	231	11	11	0	941	37	8.4	79	181	3	154
Ark.....	22,310	2,855	19,655	600	17,351	124,142	2,400	12.8	18,890	14,436	307	14,743
Calif.....	24,626	8,942	18,684	245	19,014	73,722	980	8.1	8,971	6,161	79	6,240
Colo.....	2,000	260	1,740	130	1,485	6,159	807	10.0	6,016	1,833	51	1,866
Conn.....	3,900	420	3,480	25	3,242	13,090	142	11.3	1,348	1,012	14	1,417
Del.....	1,000	100	900	100	800	3,000	100	12.0	960	840	20	880
Fla.....	12,800	2,100	10,400	105	10,757	47,881	358	9.5	4,549	4,569	350	4,634
Ga.....	24,000	3,100	21,500	500	18,063	90,746	1,850	13.5	12,351	10,747	235	10,967
Hawaii.....	652	152	400	2	411	1,520	7	16.0	245	224	1	225
Idaho.....	1,384	130	1,254	80	1,076	4,978	320	8.5	425	387	27	384
Ill.....	6,500	850	4,650	270	4,680	17,002	1,080	9.0	1,530	1,558	97	1,655
Ind.....	14,000	1,000	12,800	500	11,910	47,482	2,050	9.5	4,511	4,189	199	4,381
Iowa.....	8,500	1,180	7,320	330	8,000	23,817	1,353	9.2	2,191	2,576	123	2,453
Kans.....	2,500	260	2,240	100	2,540	11,079	121	13.0	1,250	1,026	261	1,287
Kent.....	3,200	540	2,660	330	16,040	11,079	2,123	11.8	1,693	1,805	132	1,857
Maine.....	6,328	670	5,658	15	6,532	37,600	69	41.152	4,152	4,650	8	4,658
Md.....	1,750	270	1,480	70	1,600	7,561	280	13.6	1,028	1,068	38	1,126
Mass.....	2,000	180	1,820	11	1,759	10,222	51	11.3	1,155	1,063	6	1,099
Mich.....	6,400	840	4,560	313	4,200	20,851	1,009	10.0	2,016	1,932	141	2,073
Minn.....	9,877	1,500	8,377	400	7,247	32,869	1,780	3.7	2,106	1,073	263	1,44
Miss.....	10,000	1,000	9,000	600	7,818	41,239	1,920	12.2	8,472	5,946	183	6,133
Mo.....	16,700	1,200	15,500	100	15,300	58,127	1,200	8.0	5,254	5,206	53	5,230
Mont.....	6,400	1,200	5,200	165	6,045	3,174	1,200	8.0	5,254	5,206	53	5,230
Neb.....	2,700	530	2,270	360	1,650	8,388	1,200	6.8	670	415	88	503
Nev.....	14	7	7	4	30	30	30	8.2	102	7	8	8
N.H.....	1,260	135	1,125	5	1,064	6,696	25	6.703	757	757	13	760
N.J.....	1,504	270	1,234	23	1,700	5,107	115	11.5	862	828	13	841
N.Mex.....	270	194	77	27	929	3,370	86	8.5	466	300	103	2,877
N.Y.....	1,500	1,500	1,000	240	6,360	32,192	1,900	8.5	2,769	2,556	765	14,165
N.C.....	16,700	2,200	14,500	1,000	13,500	58,127	1,200	17.0	10,747	13,556	49	14,109
N.Dak.....	2,500	400	2,100	100	2,000	9,322	1,235	9.8	3,740	3,241	130	3,361
Ohio.....	8,800	1,700	7,100	250	6,750	35,146	1,235	13.0	1,139	950	46	876
Okla.....	2,120	1,200	1,400	110	1,400	8,759	300	8.5	5,800	483	34	5,827
Ore.....	1,000	350	1,550	100	1,450	6,229	1,000	8.5	15,579	11,391	239	11,630
Pa.....	13,300	1,000	12,300	250	10,042	78,286	1,200	19.9	15,579	11,391	239	11,630

	100	28	162	1	135	910	6	743	11.3	104	84	1	85
R.I.	5,500	708	4,890	313	4,000	14,282	1,158	14,400	12.3	1,132	1,067	141	1,066
S.C.	2,000	425	2,565	280	2,316	10,306	1,092	9,384	5.6	1,320	1,261	141	1,261
S. Dak.	3,000	800	3,100	400	2,000	15,156	1,400	12,550	10.8	2,540	2,271	335	2,500
Tenn.	12,500	1,500	11,000	700	11,300	45,374	2,450	44,800	13.1	5,914	5,860	331	6,100
Tex.	953	183	780	13	494	2,828	31	1,877	7.5	212	141	4	145
Utah.	353	45	308	9	305	1,701	43	1,598	11.3	192	179	5	184
Va.	4,000	953	3,837	475	3,125	22,167	1,900	15,750	13.1	2,807	2,466	249	2,705
Wash.	5,500	910	4,750	450	4,100	15,156	1,400	12,550	10.8	2,540	2,271	335	2,500
W. Va.	870	150	4,750	135	4,750	3,138	541	3,195	12.3	1,404	1,290	22	1,212
Wis.	4,300	725	3,575	330	3,634	18,044	1,518	18,179	14.1	2,542	2,562	249	2,705
Wyo.	69	45	24	14	35	150	56	168	10.0	13	17	6	23
U.S.	289,954	42,868	247,086	12,165	226,628	1,190,010	47,017	1,099,561	12.1	145,699	132,674	5,530	138,104

<sup>1</sup> Excludes breeder annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Lost during year.

<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 573.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1963-77<sup>1</sup>

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	314,015	59,640	254,375	56,977	190,711
1964.....	315,531	60,197	255,334	48,826	194,652
1965.....	301,059	61,058	240,001	40,360	201,506
1966.....	335,552	56,701	278,881	33,391	212,170
1967.....	320,679	57,383	263,414	29,148	239,337
1968.....	298,090	54,313	243,777	25,604	223,396
1969.....	309,314	57,140	252,174	22,228	218,928
1970.....	324,463	60,614	263,869	19,369	233,316
1971.....	316,755	58,507	258,248	17,808	251,957
1972.....	291,383	58,045	233,307	16,110	234,789
1973.....	268,826	47,769	221,057	14,658	231,821
1974.....	288,353	46,235	242,118	14,421	252,365
1975.....	276,035	43,210	232,825	13,451	223,721
1976.....	271,080	42,542	228,538	12,790	217,253
1977 <sup>4</sup> .....	289,854	42,868	247,086	12,165	226,628

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	1,147,462	204,885	907,567	10.0	115,786	90,603	19,808	101,441
1964.....	1,169,504	179,351	936,634	9.2	107,984	85,814	16,039	101,853
1965.....	1,116,528	151,147	969,288	8.9	100,749	86,329	13,202	99,531
1966.....	1,281,578	123,374	1,031,688	9.7	122,576	99,958	11,400	111,360
1967.....	1,259,481	108,466	1,156,613	7.9	99,393	91,206	8,379	99,855
1968.....	1,108,815	95,957	1,000,428	8.2	91,538	89,580	7,645	97,228
1969.....	1,144,020	83,897	1,062,969	9.7	110,827	103,598	7,554	111,122
1970.....	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971.....	1,211,567	67,941	1,192,639	7.8	94,751	92,870	5,262	98,138
1972.....	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973.....	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974.....	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975.....	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,266
1976.....	1,107,068	49,124	1,046,727	12.9	144,602	135,496	6,215	141,711
1977 <sup>4</sup> .....	1,190,010	47,017	1,099,561	12.1	145,599	132,574	6,530	138,104

<sup>1</sup> Excludes broiler production.<sup>2</sup> Loss during year.<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.<sup>4</sup> Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 500.

Table 574.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1976<sup>1</sup>

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thous- ands	Num- ber	Thous- ands		Thous- ands	Num- ber	Thous- ands <sup>(2)</sup>
Ala.	68	30,915	608	4,616			1	
Ark.	29	30,541	411	3,560	5	1,537	12	78
Calif.	9	4,890	33	181	11	4,583	160	550
Colo.	2	223	9	7	2	945	7	26
Conn.	20	1,585	219	329	1	60		
Del.	8	12,353	55	398				
Fla.	30	13,878	155	1,098	3	83	1	( <sup>3</sup> )
Ga.	54	54,201	508	4,372	2	401	1	3
Idaho.	3	795	8	57				
Ill.	72	3,375	225	187	3	530	14	43
Ind.	34	7,689	118	489	2	616	1	4
Iowa	68	8,465	172	274	12	2,360	31	84
Kans.	19	1,936	112	110	1	457	4	14
Ky.	7	814	11	62				
La.	25	3,750	98	532				
Maine.	8	2,904	48	178				
Md.	10	16,797	95	442	1	11	1	( <sup>3</sup> )
Mass.	7	1,596	310	195			2	( <sup>3</sup> )
Mich.	5	1,181	4	22	2	734	10	40
Minn.	46	8,106	161	387	13	7,587	179	511
Miss.	43	25,833	351	2,449				
Mo.	19	5,601	454	262	10	3,595	45	196
Mont.	3	413	6	8				
Nebr.	27	2,321	210	60	1	300	3	9
N.H.	3	1,338	66	211	2	90	3	2
N.J.	13	2,281	40	9	1	80	2	1
N. Mex.								
N.Y.	27	2,029	69	208	2	77	2	5
N.C.	44	39,241	670	6,045	10	4,138	72	419
N. Dak.	8	630	10	2	1	45		
Ohio	18	4,377	180	223	9	2,040	18	78
Okl.	28	1,955	236	33	4	472		
Oreg.	9	3,540	104	93	3	594	18	61
Pa.	64	10,490	177	673	5	412	1	( <sup>3</sup> )
R.I.			19	1	1	12	2	( <sup>3</sup> )
S.C.	7	3,146	37	85	1	832		
S. Dak.	20	1,575	46	56				
Tenn.	22	1,625	147	101				
Tex.	40	5,952	58	194	7	2,466	60	312
Utah	3	142	2	0	3	1,090	1	30
Vt.	1	61	36	43				
Va.	4	2,031	50	227	8	1,973	31	134
Wash.	9	2,299	75	236			2	8
W. Va.								
Wis.	17	2,521	50	178	3	1,062	24	67
Wyo.								
U.S.	953	345,683	6,396	28,839	126	39,061	708	2,685

<sup>1</sup> Year beginning July 1, 1976.<sup>2</sup> Less than 1,000 birds.

Science and Education Administration.

## FOOTNOTES FOR TABLE 577

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.<sup>3</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1934-62 in *Agricultural Statistics, 1972*, table 594.

Table 575.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1963-76

Year beginning July	States reporting	Total birds	New Hampshire	White Leghorn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Crom-mated	Incro-mated	Other	Total
	Number	Number	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963	47	35,759,267	0.6	11.8	6.1	0.3	0.6	73.5	6.5	0.6	100.0
1964	47	32,938,047	.4	12.2	5.2	.7	.7	73.4	6.8	.6	100.0
1965	47	34,148,400	.4	10.8	5.1	.3	.5	75.7	6.0	1.2	100.0
1966	47	38,128,303	.3	10.0	5.0	.3	.6	77.5	6.1	.2	100.0
1967	47	35,505,974	.2	9.9	3.8	.4	.5	78.4	6.2	.6	100.0
1968	47	35,507,510	.2	9.1	2.1	.4	.3	79.7	5.8	1.4	100.0
1969	47	35,844,809	.1	8.6	2.9	.1	.3	82.4	5.0	.6	100.0
1970	45	37,584,000	.3	8.5	3.3	.3	.4	80.0	5.6	.7	100.0
1971	46	32,053,535	.2	8.9	3.9	.4	.4	77.8	6.8	1.6	100.0
1972	47	28,922,101	.2	8.0	4.7	.3	.4	79.1	5.7	1.6	100.0
1973	47	26,647,427	.2	9.3	1.5	.3	.4	81.9	5.5	.9	100.0
1974	47	25,120,867	.3	10.2	.6	.3	.4	80.4	5.5	2.3	100.0
1975	47	26,697,301	.1	8.9	.6	.2	.4	82.8	4.8	2.2	100.0
1976	47	28,539,301	.1	8.9	.6	.2	.4	83.7	4.5	1.6	100.0

Science and Education Administration. Data for 1950-62 in *Agricultural Statistics, 1972*, table 593.

Table 576.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1963-77

Year	Production			Commercial storage at beginning of year	Imports	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
	Commercial broilers	Other chickens	Total					Military	Civilian	
									Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963	5,299	753	6,022	124	-----	185	135	84	5,739	30.8
1964	5,444	751	6,195	135	-----	204	139	87	5,900	31.2
1965	5,872	746	6,618	139	-----	168	108	94	6,387	33.4
1966	6,437	761	7,198	108	-----	167	163	97	6,879	35.6
1967	6,552	827	7,379	163	-----	156	170	104	7,112	36.5
1968	6,653	769	7,422	170	-----	182	97	100	7,233	36.7
1969	7,175	732	7,907	97	-----	166	110	88	7,640	38.4
1970	7,687	778	8,465	110	-----	182	163	89	8,161	40.5
1971	7,724	792	8,516	163	-----	202	149	75	8,283	40.5
1972	8,147	740	8,887	149	-----	206	111	82	8,667	42.0
1973	8,025	736	8,761	111	-----	203	146	47	8,476	40.7
1974	8,126	789	8,915	146	-----	235	175	34	8,617	41.1
1975	8,127	696	8,823	175	-----	273	114	39	8,572	40.6
1976	9,067	684	9,751	114	-----	451	155	33	9,226	43.3
1977 <sup>1</sup>	9,418	713	10,131	155	-----	482	138	26	9,640	44.9

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1950-62 in *Agricultural Statistics, 1972*, table 598.Table 577.—Chickens: Broiler production, and gross income, United States, 1963-77<sup>1</sup>

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight				Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars		Thousands	1,000 pounds	Cents	1,000 dollars
1963	2,102,023	7,276,008	14.6	1,062,904	1971	2,945,348	10,817,657	13.8	1,487,077
1964	2,161,172	7,521,269	14.2	1,070,124	1972	3,074,921	11,480,101	14.1	1,622,638
1965	2,333,673	8,111,426	15.0	1,217,383	1973	3,008,667	11,219,885	24.0	2,690,362
1966	2,570,516	8,988,508	15.3	1,371,006	1974	2,992,820	11,320,396	21.5	2,436,224
1967	2,591,850	9,183,426	13.2	1,222,641	1975	2,950,099	11,096,015	26.3	2,915,017
1968	2,619,855	9,326,341	14.2	1,325,665	1976	3,282,841	12,517,347	23.6	2,953,278
1969	2,788,732	10,047,769	15.2	1,531,404	1977 <sup>1</sup>	3,399,960	12,992,359	23.6	3,096,793
1970 <sup>1</sup>	2,986,769	10,818,916	13.6	1,474,710					

See footnotes on page 401.

Table 578.—Chickens: Broiler production and gross income, by States, 1976 and 1977<sup>1</sup>

State	1976				1977 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	Number	Weight			Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars	Thousands	1,000 pounds	Cents	1,000 dollars
Ala.....	430,225	1,591,833	22.3	354,979	428,099	1,583,966	22.0	348,473
Ark.....	540,428	1,945,541	23.2	451,366	569,558	2,060,409	23.3	477,745
Calif.....	104,950	451,285	26.3	118,688	112,500	495,000	26.7	132,165
Conn.....	1,641	4,372	23.3	1,019	1,083	4,549	23.1	1,081
Del.....	160,046	640,184	23.0	147,240	150,081	624,324	23.0	143,595
Fla.....	74,307	289,797	22.7	65,784	75,727	295,235	22.4	66,185
Ga.....	451,531	1,670,565	24.0	400,960	455,879	1,797,752	23.7	426,067
Hawaii.....	2,039	6,933	40.0	2,773	2,158	6,906	42.0	2,901
Ind.....	13,905	51,449	24.6	12,656	13,624	50,469	23.4	11,796
Iowa.....	3,835	28,763	40.0	11,505	3,494	31,448	30.5	9,591
Ky.....	6,718	23,506	22.0	5,171	3,900	12,000	22.0	2,772
La.....	57,578	218,796	23.7	51,855	63,634	235,446	23.8	56,036
Maine.....	86,659	355,302	23.3	82,785	86,938	365,140	23.1	84,347
Md.....	199,008	796,032	23.0	183,087	198,569	794,036	23.0	182,628
Mich.....	756	2,856	26.0	1,003	871	3,746	26.0	974
Minn.....	15,300	65,380	28.8	17,516	14,200	61,060	27.1	16,547
Miss.....	237,442	978,280	22.6	221,091	235,848	972,215	24.3	236,248
Mo.....	25,236	86,496	23.6	23,246	24,054	93,811	22.7	21,295
Neb.....	1,820	7,280	35.0	2,548	1,680	6,720	35.0	2,352
N.Y.....	700	3,150	25.9	816				
N.C.....	318,589	1,262,356	23.6	297,916	339,271	1,357,094	23.4	317,858
Ohio.....	17,499	64,746	24.0	15,539	19,400	71,780	23.1	16,581
Okl.....	31,425	116,273	23.8	27,673	29,294	105,456	23.5	24,783
Oreg.....	18,150	59,083	28.0	16,544	15,600	62,400	28.5	17,784
Pa.....	75,108	307,943	26.7	82,221	88,140	352,560	25.2	88,485
S.C.....	33,404	113,574	22.5	25,554	34,481	120,684	22.3	26,913
Tenn.....	28,310	137,916	22.3	30,785	48,884	180,871	22.0	39,792
Tex.....	190,703	724,671	25.0	181,168	185,322	722,756	25.3	182,857
Va.....	88,621	337,900	22.4	75,090	98,024	372,491	22.8	84,928
Wash.....	15,876	63,504	29.0	18,416	16,846	67,384	29.2	19,676
W. Va.....	15,129	46,900	27.1	12,710	16,286	50,384	27.0	13,606
Wis.....	12,285	51,597	25.2	13,062	10,907	43,628	24.6	10,732
U.S.....	3,282,841	12,517,347	23.0	2,933,278	3,399,960	12,992,359	23.6	2,966,793

<sup>1</sup> Commercial broiler production including production of other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Live-weight equivalent price.

<sup>3</sup> Includes home consumption which is less than 1 percent of total production.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 579.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1963-77

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1963.....	2,354,150	514,780	2,768,930	14.2	392,067
1964.....	2,305,959	528,371	2,834,330	13.5	381,867
1965.....	2,513,881	488,965	3,002,846	13.2	398,770
1966.....	2,747,692	569,333	3,316,925	12.6	384,181
1967.....	2,758,542	534,818	3,293,360	11.5	350,903
1968.....	2,799,089	514,301	3,313,390	11.7	358,944
1969.....	3,025,040	529,888	3,554,928	11.7	386,723
1970.....	3,189,169	571,142	3,695,425	11.2	385,643
1971.....	3,167,952	527,473	3,790,311	11.6	405,314
1972.....	3,267,457	491,354	3,758,811	11.1	389,563
1973.....	3,206,986	534,256	3,741,242	12.7	441,988
1974.....	3,104,430	473,403	3,577,833	14.1	473,759
1975.....	3,169,071	453,804	3,622,875	14.6	493,198
1976.....	3,488,326	492,180	3,980,506	15.4	568,957
1977.....	3,638,672	501,913	4,138,585	15.8	612,591

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-62 in *Agricultural Statistics, 1978*, table 597.



Table 580.—Chicks hatched by commercial hatcheries: Number and average price, by States, 1976 and 1977

State	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1976	1977	1976	1977	1976	1977	1976	1977
	Thousands	Thousands	Dollars	Dollars	Thousands	Thousands	Dollars	Dollars
Ala.	450,658	468,067	10.80	10.50	14,298	11,155	33.50	34.80
Ark.	591,275	639,044	12.20	15.00	27,574	28,012	32.30	33.50
Calif.	113,266	120,352	21.80	21.90	45,831	50,031	39.10	39.30
Conn.	2,447	2,546	13.30	13.30	2,414	1,547	40.20	40.90
Del.	168,490	172,351	13.00	12.90	(1)	(1)		
Fla.	89,562	91,310	11.00	11.00	40,058	39,761	30.00	29.90
Ga.	454,368	523,385	11.30	11.50	47,380	49,282	36.70	37.00
Ill.	(1)	(1)			11,590	13,975	46.40	48.60
Ind.	20,779	19,709	29.80	29.70	33,162	36,189	36.50	35.50
Iowa	(1)	(1)			22,470	21,133	49.40	51.30
Kans.	527	533	28.30	29.50	4,720	4,882	43.40	43.30
Maine.	88,118	88,259	13.30	13.30	14,849	14,553	40.20	40.90
Md.	217,306	219,007	13.00	12.90	(1)	(1)		
Mich.	(1)	(1)			9,085	8,535	40.00	39.60
Minn.	15,640	15,595	23.50	29.90	22,496	21,548	49.30	45.60
Miss.	251,000	282,012	12.80	12.50	12,784	13,475	31.80	31.80
Mo.	(1)	(1)			18,453	17,446	43.40	45.70
Nebr.	1,850	1,835	31.50	32.20	1,513	1,542	47.90	49.70
N.Y.	(1)	(1)			10,810	14,230	37.40	37.40
N.C.	362,440	377,009	11.20	11.30	7,563	9,239	34.80	34.50
Okla.	(1)	(1)			1,963	1,696	28.90	31.20
Oreg.	21,367	22,160	23.20	20.00	7,454	7,927	39.60	40.30
Pa.	97,748	102,540	13.60	14.20	21,674	19,972	37.50	36.90
S.C.	28,345	36,544	15.50	15.40	10,071	9,274	35.30	37.50
Tenn.	23,877	20,495	13.70	12.50	(1)	(1)		
Tex.	208,706	202,300	22.10	23.50	25,137	27,366	39.20	36.90
Utah	103	(1)	29.50		647	(1)	36.80	
Va.	96,661	108,211	13.50	13.80	7,223	8,194	37.40	41.50
Wash.	14,087	14,575	17.20	17.90	7,356	7,166	38.50	35.50
Other States.	<sup>1</sup> 142,733	<sup>1</sup> 147,800	19.00	20.20	<sup>2</sup> 63,805	<sup>2</sup> 63,883	43.30	43.20
U.S.	3,486,326	3,636,672	13.50	14.00	492,180	501,913	37.90	39.00

<sup>1</sup> Included in "Other States."<sup>2</sup> Colorado, Hawaii, Idaho, Kentucky, Louisiana, Massachusetts, Michigan, Missouri, Montana, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Rhode Island, South Dakota, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations.<sup>3</sup> Colorado, Hawaii, Idaho, Kentucky, Louisiana, Maryland, Massachusetts, Montana, New Hampshire, New Jersey, North Dakota, Ohio, Rhode Island, South Dakota, Tennessee, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 581.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1963-77

Year	Ratio <sup>1</sup>			Year	Ratio <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds
1963	8.1	3.2	4.9	1971	7.2	2.8	4.6
1964	8.1	3.1	4.8	1972	7.2	2.9	4.5
1965	8.1	3.3	5.1	1973	7.9	3.3	4.8
1966	9.1	3.3	5.1	1974	7.0	2.6	3.2
1967	7.3	2.9	4.4	1975	7.0	3.2	4.2
1968	8.5	3.2	4.7	1976	7.8	2.8	3.7
1969	10.0	3.4	5.0	1977	7.3	2.7	3.9
1970	<sup>2</sup> 9.3	<sup>2</sup> 2.9	5.0				

<sup>1</sup> Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.<sup>2</sup> Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 602.

Table 582.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1975-77

Class	Number inspected			Pounds inspected (live weight)		
	1975	1976	1977	1975	1976	1977
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	2,921,778	3,282,771	3,334,126	10,982,560	12,407,837	12,740,713
Mature chickens.....	178,080	180,111	192,817	750,635	786,324	827,522
Total chickens.....	3,099,858	3,462,882	3,526,943	11,733,195	13,194,161	13,568,235
Young turkeys.....	106,218	120,614	117,857	2,031,627	2,324,807	2,285,684
Old turkeys.....	984	1,096	963	18,823	21,766	19,600
Fryer-roaster turkeys.....	12,276	12,627	9,432	112,916	116,046	87,105
Total turkeys.....	119,448	134,337	128,251	2,163,366	2,462,619	2,392,389
Ducks.....	11,458	13,161	13,749	71,883	81,997	85,334
Other poultry.....				7,431	7,722	8,729
Total poultry.....				13,978,578	15,746,499	16,064,687

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1975	1976	1977	1975	1976	1977
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	7,966,103	8,987,270	9,227,288	36,213	40,495	50,488
Mature chickens.....	472,835	491,274	512,031	7,157	7,426	8,640
Total chickens.....	8,438,938	9,478,544	9,739,319	43,370	47,921	59,128
Young turkeys.....	1,612,181	1,841,568	1,808,442	4,651	5,306	5,651
Old turkeys.....	14,679	16,739	15,029	75	183	105
Fryer-roaster turkeys.....	89,191	91,800	69,005	283	236	212
Total turkeys.....	1,716,051	1,950,109	1,892,476	4,909	5,695	5,968
Ducks.....	50,080	57,794	59,458	39	50	61
Other poultry.....	4,652	4,799	5,356	23	34	38
Total poultry.....	10,209,721	11,491,246	11,696,609	48,341	53,690	65,193

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1975	1976	1977
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	186,661	196,164	210,019
Mature chickens.....	35,088	33,100	32,577
Total chickens.....	201,749	229,264	242,596
Young turkeys.....	49,184	47,912	46,317
Old turkeys.....	702	1,115	968
Fryer-roaster turkeys.....	1,535	1,532	996
Total turkeys.....	42,391	50,559	48,281
Ducks.....	1,715	1,723	1,720
Other poultry.....	78	82	99
Total poultry.....	245,903	281,660	292,697

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Table 583.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1963–77

Year	Young chickens		Mature chickens		Turkeys		Other poultry <sup>2</sup>		Total poultry			
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed	Cut up	Further processed	Cut up	
					Whole <sup>1</sup>							Other
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1963	103,832	752,999	251,821	9,132	190,694	48,578	37,402	1,038	583,749	811,747		
1964	124,117	847,412	256,729	9,581	211,009	60,249	40,131	741	631,986	917,983		
1965	138,648	1,000,987	310,068	11,289	232,935	67,248	45,068	739	744,716	1,110,235		
1966	178,321	1,108,830	302,236	7,506	334,732	121,337	89,434	890	874,723	1,238,563		
1967	219,596	1,299,210	346,858	7,450	318,146	114,540	78,681	1,161	963,279	1,412,361		
1968	254,016	1,390,418	377,878	6,492	382,754	135,077	72,208	1,717	1,086,856	1,533,704		
1969	272,282	1,628,309	376,909	9,708	493,755	159,583	82,958	4,102	1,225,904	1,801,682		
1970	337,292	1,842,594	392,404	8,608	479,427	190,713	83,274	2,230	1,292,397	2,044,145		
1971	382,804	2,086,747	427,977	5,445	562,493	198,299	85,213	3,802	1,458,487	2,265,993		
1972	436,990	2,316,644	465,678	5,735	639,112	299,777	96,637	2,575	1,638,423	2,624,731		
1973	485,339	2,443,143	481,253	5,413	790,841	362,702	118,121	1,448	1,872,554	2,712,704		
1974	495,659	2,465,624	425,278	6,885	386,953	500,397	295,444	89,722	706	1,805,009	2,768,689	
1975	540,640	2,582,072	356,247	9,920	371,623	536,224	312,764	87,506	483	1,892,234	2,905,245	
1976	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553	
1977	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,083	3,980,257	

<sup>1</sup> Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>2</sup> Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1964–62 in *Agricultural Statistics, 1978*, table 600.

Table 584.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1976 and 1977

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1976	1977	1976	1977	1976	1977	1976	1977
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	14	27	31,747	26,903	186,762	190,259	295,130	334,615
February	21	41	28,677	24,930	190,663	167,830	265,964	302,944
March	26	39	29,385	24,642	140,736	142,335	245,292	270,445
April	26	42	29,703	25,275	114,474	130,334	231,848	267,265
May	22	33	28,910	27,997	130,810	138,198	231,522	281,068
June	23	39	30,127	31,353	177,287	201,380	300,544	333,218
July	34	39	31,629	35,102	261,588	253,613	402,863	409,193
August	45	47	31,024	35,366	370,254	329,928	521,496	484,838
September	50	50	28,689	33,744	459,881	509,264	610,960	565,976
October	32	52	28,899	33,432	512,337	444,495	664,537	598,597
November	25	50	25,505	31,184	298,834	269,398	453,245	417,801
December	28	39	26,092	29,664	203,355	167,943	362,810	310,038

<sup>1</sup> Includes stocks of turkeys and other poultry.

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Table 585.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1963-76

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
			Number	Percent			Number	Percent
1963.....	47	26,257	1,987	.0055	47	3,779,537	178	.0047
1964.....	47	33,175	1,461	.0044	47	3,798,357	84	.0022
1965.....	47	34,261	410	.0012	47	4,121,626	0	.0000
1966.....	47	38,327	381	.0010	47	4,397,268	2	.00005
1967.....	47	33,591	741	.0020	47	3,482,049	19	.00005
1968.....	47	33,613	100	.0003	47	3,127,850	0	.0000
1969.....	47	35,890	162	.0004	47	3,145,147	8	.0003
1970.....	45	38,049	107	.0007	45	3,382,259	0	.0000
1971.....	46	32,233	55	.0005	45	3,086,063	0	.0000
1972.....	47	28,925	87	.0009	47	3,191,301	0	.0000
1973.....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974.....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975.....	47	26,099	38	.0004	47	2,891,148	0	.0000
1976.....	47	28,846	90	.0019	47	2,993,782	0	.0000

Science and Education Administration. Data for 1960-62 in *Agricultural Statistics, 1972*, table 603.

Table 586.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1975-77

State	Number			Value per head			Total value		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark.....	44	44	57	11.50	14.00	14.00	506	616	798
Calif.....	700	600	570	10.50	11.80	8.90	7,350	6,960	5,073
Ga.....	38	39	46	8.50	8.80	9.10	323	343	419
Ill.....	38	40	50	12.50	15.50	14.00	475	620	700
Iowa.....	163	135	85	12.90	12.90	11.00	1,329	1,742	935
Mich.....	62	55	52	10.00	9.00	10.80	620	498	562
Minn.....	505	490	490	7.80	7.60	10.70	3,939	3,648	5,136
Mo.....	155	220	220	11.80	14.00	12.00	1,829	3,080	2,640
Nebr.....	11	9	8	9.00	8.50	8.50	99	77	68
N.C.....	304	320	350	13.00	10.60	13.60	3,952	3,392	4,760
Ohio.....	98	109	104	10.60	10.50	13.60	1,039	1,145	1,404
Oreg.....	70	90	45	8.30	7.70	9.40	581	482	423
Pa.....	27	24	17	10.70	10.10	12.60	289	242	213
S.C.....	78	39	39	12.80	11.20	12.00	998	437	468
Tex.....	482	440	460	11.90	12.00	11.00	5,736	5,280	5,060
Utah.....	40	37	-----	13.00	14.00	-----	520	518	-----
Va.....	123	162	156	11.30	12.30	13.60	1,390	1,993	2,122
W. Va.....	14	14	28	8.10	8.10	10.00	113	113	280
Wis.....	91	73	73	10.00	9.80	9.00	910	715	657
Other States <sup>1</sup> .....	115	164	205	12.40	13.60	12.60	1,429	2,228	2,589
Total <sup>2</sup> .....	3,098	3,064	3,045	10.79	10.83	11.27	33,427	34,106	34,367

<sup>1</sup> Colorado, Indiana, Kansas, New York, North Dakota, Oklahoma, South Dakota, and Washington combined to avoid disclosing individual operations.<sup>2</sup> Major producing States.

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Table 587.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969–77<sup>1</sup>

Year	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
	1,000 head	Dollars	1,000 dollars		1,000 head	Dollars	1,000 dollars		1,000 head	Dollars	1,000 dollars
1969.....	3,331	5.97	19,882	1972.....	3,303	6.50	21,466	1975.....	3,098	10.79	33,427
1970.....	3,389	5.94	20,127	1973.....	3,553	9.54	33,908	1976.....	3,064	10.83	34,106
1971.....	3,370	6.23	21,011	1974.....	2,954	9.94	29,081	1977 <sup>2</sup> .....	3,045	11.27	34,307

<sup>1</sup> Major producing States. <sup>2</sup> Preliminary.

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Table 588.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1963–77

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1963.....	1,351	203	31	217	40	1,266	6.8
1964.....	1,453	217	43	207	36	1,384	7.4
1965.....	1,515	207	58	200	40	1,424	7.4
1966.....	1,674	200	47	267	56	1,604	7.8
1967.....	1,870	267	49	367	53	1,668	8.6
1968.....	1,611	367	41	317	63	1,557	7.9
1969.....	1,606	317	40	192	48	1,643	8.3
1970.....	1,732	192	43	219	49	1,613	8.0
1971.....	1,779	219	27	223	41	1,707	8.4
1972.....	1,915	223	42	206	42	1,846	9.0
1973.....	1,933	206	54	281	31	1,775	8.5
1974.....	1,911	281	43	275	14	1,800	8.9
1975.....	1,804	275	53	193	19	1,812	8.6
1976.....	2,039	193	71	203	18	1,962	9.2
1977 <sup>1</sup> .....	2,012	203	56	168	11	1,980	9.2

<sup>1</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1950–62 in *Agricultural Statistics, 1978*, table 610.

Table 589.—Turkeys: Production, disposition, and gross income, United States, 1963–77

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Produced <sup>3</sup>	Sold	Produced	Sold			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds		1,000 dollars	1,000 dollars
1963.....	94,063	214	93,849	94,227	1,686,355	1,695,943	22.3	375,064	377,313
1964.....	101,108	213	100,892	100,788	1,826,035	1,825,562	21.0	382,909	385,405
1965.....	105,914	211	105,703	104,898	1,915,231	1,900,703	22.2	424,449	421,295
1966.....	116,538	253	116,285	115,379	2,123,484	2,106,970	23.1	489,596	485,750
1967.....	126,577	263	126,314	126,846	2,343,339	2,353,937	19.5	457,710	450,581
1968.....	106,709	197	106,512	107,254	2,014,589	2,027,934	20.5	413,921	416,738
1969.....	106,736	207	106,529	106,351	2,029,315	2,036,709	22.4	454,633	454,115
1970.....	116,401	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2,202,615	( <sup>4</sup> )	22.6	( <sup>4</sup> )	498,841
1971.....	120,126	.....	.....	.....	2,263,886	.....	22.1	.....	501,349
1972.....	129,133	.....	.....	.....	2,431,647	.....	22.2	.....	536,815
1973.....	132,177	.....	.....	.....	2,481,053	.....	22.2	.....	535,525
1974.....	131,347	.....	.....	.....	2,424,439	.....	28.0	.....	679,245
1975.....	124,255	.....	.....	.....	2,277,754	.....	34.8	.....	793,626
1976.....	139,961	.....	.....	.....	2,605,321	.....	31.7	.....	824,539
1977 <sup>1</sup> .....	135,605	.....	.....	.....	2,847,798	.....	35.0	.....	905,199

See footnotes on page 409.

Table 590.—Turkeys: Production and gross income, by States, 1977

State	Number raised <sup>1</sup>	Pounds produced	Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	1,000 head	1,000 pounds	Cents	1,000 dollars
Ark.	10,358	167,979	34.5	68,303
Calif.	17,244	344,880	35.3	121,743
Colo.	3,500	92,400	41.0	37,884
Conn.	33	677	59.0	399
Ga.	1,633	30,374	35.6	10,813
Ill.	639	13,355	38.4	5,128
Ind.	4,186	77,860	34.8	27,095
Iowa	6,099	136,189	32.9	41,816
Kans.	113	2,938	34.0	999
La.	1	19	34.5	7
Maine	4	79	56.0	44
Md.	91	1,647	39.2	646
Mass.	128	2,600	58.0	1,508
Mich.	1,210	29,040	24.9	10,135
Minn.	22,739	375,194	33.4	125,315
Mo.	9,846	181,166	32.7	59,241
Nebr.	471	9,656	26.4	3,815
N.H.	25	505	60.0	303
N.J.	58	1,183	57.0	674
N.Y.	138	2,884	42.0	1,211
N.C.	16,500	290,400	37.9	110,062
N. Dak.	705	12,479	35.0	4,368
Ohio	2,450	46,980	41.2	20,592
Okl.	1,300	20,280	33.0	6,692
Oreg.	1,350	24,030	35.8	8,603
Pa.	3,867	67,773	40.2	27,245
R.I.	10	210	55.0	122
S.C.	2,410	55,912	34.2	19,122
S. Dak.	1,112	23,352	34.4	8,033
Tenn.	3	57	34.5	20
Tex.	8,000	183,400	34.8	56,863
Utah	2,664	61,805	37.1	22,930
Vt.	8	154	57.0	88
Va.	8,694	140,843	35.7	50,281
W. Va.	2,065	33,453	33.5	11,297
Wis.	5,544	107,554	37.5	40,333
Other States <sup>4</sup>	300	5,491	39.3	2,159
U.S.	135,605	2,547,798	35.5	905,199

<sup>1</sup> Based on turkeys hatched from Sept. 1 to Aug. 1. Excludes turkeys lost.<sup>2</sup> Live-weight equivalent price.<sup>3</sup> Includes home consumption which is less than 1 percent of total production.<sup>4</sup> Alabama, Arizona, Delaware, Florida, Idaho, Kentucky, Montana, New Mexico, Washington, and Wyoming combined to avoid disclosing individual operations.

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## FOOTNOTES FOR TABLE 589

<sup>1</sup> Total poult hatched less death loss of poult and young turkeys during the year.<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.<sup>3</sup> Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.<sup>4</sup> Not available after 1969.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1960-62 in *Agricultural Statistics, 1972*, table 607.

Table 591.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1963-77

Year	Heavy white breeds <sup>1</sup>	All other heavy breeds <sup>1</sup>	Total all heavy breeds <sup>1</sup>	Light breeds <sup>2</sup>	Total all breeds
	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	34,616	57,052	91,668	10,696	102,364
1964.....	41,840	53,298	95,138	13,032	108,167
1965.....	53,709	49,581	103,290	13,588	116,878
1966.....	69,046	43,479	112,525	18,424	130,949
1967.....			122,210	16,354	138,564
1968.....			100,249	13,866	114,115
1969.....			103,279	11,990	115,269
1970.....			116,021	13,722	129,743
1971.....			115,379	13,224	128,603
1972.....			125,612	16,067	141,579
1973.....			128,906	16,679	145,585
1974.....			125,559	14,420	140,019
1975.....			121,156	18,918	137,076
1976.....			130,980	16,494	149,474
1977.....			136,029	12,354	148,383

<sup>1</sup> Estimates discontinued as of January 1967.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1963-62 in *Agricultural Statistics, 1978*, table 611.Table 592.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1976 and 1977<sup>1</sup>

State	Heavy breeds <sup>2</sup>		Light breeds <sup>3</sup>		Total all breeds	
	1976	1977	1976	1977	1976	1977
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Calif.....	18,824	19,413	1,494	890	20,318	20,003
Colo.....					4,491	4,754
Ga.....					1,188	1,210
Ill.....	807	876			807	876
Iowa.....	6,999	6,417			6,999	6,417
Minn.....	20,366	23,161	9,130	6,925	29,496	30,086
Mo.....					12,748	12,426
N.C.....	15,310	15,965	1,720	1,490	17,030	17,385
Ohio.....	8,316		1,123		9,439	7,463
Okl.....	1,275	963	0		1,275	963
Pa.....	1,859	2,234	397	364	2,256	2,598
Texas.....					10,525	8,992
Utah.....	3,669		28		3,697	( <sup>4</sup> )
Va.....	4,124	5,438	2,903	2,164	7,027	7,602
Wis.....					4,656	4,767
Other States <sup>4</sup> .....	16,499	22,343	1,023	478	17,522	22,821
U.S.....	130,980	136,029	18,494	12,354	149,474	148,383

<sup>1</sup> Heavy and light breeds not published in some States in order to avoid disclosing individual operations.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.<sup>4</sup> Alabama, Arkansas, Florida, Indiana, Kansas, Maryland, Michigan, Nebraska, New Hampshire, New Jersey, New York, Oregon, Rhode Island, South Carolina, Utah, and Washington combined to avoid disclosing individual operations.

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Table 593.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1976 and 1977<sup>1</sup>

State	1976			1977		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	Thousands	Number	Millions	Thousands	Number	Millions
Ala.	12,253	238	2,919	13,434	237	3,183
Alaska	26	231	6.0	29	214	6.2
Ariz.	602	216	143	642	218	140
Ark.	15,789	238	3,752	16,130	236	3,182
Calif.	37,557	230	8,635	36,469	229	8,345
Colo.	2,138	236	505	2,200	231	508
Conn.	3,390	237	803	3,605	235	863
Del.	877	224	129	885	219	128
Fla.	12,041	236	2,848	12,633	237	2,998
Ga.	23,066	242	5,591	23,515	235	5,535
Hawaii	988	221	218	991	220	218
Idaho	833	230	192	837	229	192
Ill.	5,995	233	1,398	5,873	237	1,380
Ind.	12,979	238	3,091	12,833	234	3,004
Iowa	8,637	236	2,040	8,429	238	2,004
Kans.	2,354	240	564	2,260	225	530
Ky.	2,365	229	541	2,467	225	556
La.	2,831	237	671	2,636	227	598
Maine	7,258	247	1,791	7,298	254	1,849
Md.	1,431	229	327	1,375	224	308
Mass.	1,430	240	343	1,485	238	354
Mich.	6,488	234	1,520	6,471	236	1,530
Minn.	9,390	238	2,238	8,875	239	2,120
Miss.	7,297	236	1,719	7,845	242	1,775
Mo.	4,973	240	1,192	4,808	243	1,168
Mont.	794	223	185	756	221	175
Nebr.	3,412	216	737	3,386	218	739
Nev.	28	186	5.2	20	155	3.1
N.H.	989	240	237	840	250	210
N.J.	2,533	216	548	2,088	214	446
N. Mex.	1,115	242	270	1,274	226	288
N.Y.	7,986	238	1,903	7,567	241	1,825
N.C.	11,591	238	2,756	12,374	240	2,968
N. Dak.	538	223	120	454	218	99
Ohio	8,588	232	1,994	8,371	231	1,934
Okl.	2,061	222	458	2,160	225	487
Oreg.	2,295	232	532	2,238	235	525
Pa.	11,186	242	2,701	12,136	243	2,943
R.I.	221	235	51.5	207	245	50.7
S.C.	5,271	243	1,282	5,064	246	1,248
S. Dak.	2,840	218	620	2,611	222	579
Tenn.	4,136	235	974	4,178	238	963
Tex.	10,263	230	2,357	10,433	228	2,380
Utah	1,310	216	283	1,468	228	335
Vt.	482	237	114	488	248	121
Va.	3,375	237	800	3,499	234	819
Wash.	4,450	238	1,058	4,453	236	1,050
W. Va.	1,009	228	230	829	232	192
Wis.	4,865	225	1,094	4,595	226	993
Wyo.	118	224	26.4	109	217	23.7
U.S.	274,134	235	64,511	274,642	235	64,540

<sup>1</sup> Estimates for a Dec. 1 through Nov. 30 marketing year.<sup>2</sup> Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 594.—Eggs: Production in specified countries, 1975-77

Continent and country	1975	1976	1977 <sup>1</sup>	Continent and country	1975	1976	1977 <sup>1</sup>
<b>North America:</b>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<b>Europe—Continued</b>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada.....	5,377	5,245	5,503	Bulgaria.....	1,845	1,855	1,900
Mexico.....	7,446	7,665	8,100	Czechoslovakia.....	4,409	4,492	4,564
United States.....	64,579	64,849	64,820	German Dem. Rep.....	5,047	5,090	5,280
<b>Total.....</b>	<b>77,302</b>	<b>77,759</b>	<b>78,422</b>	Hungary.....	4,001	3,736	4,200
<b>South America:</b>				Poland.....	8,013	8,013	8,125
Argentina.....	3,775	3,672	3,540	Romania.....	5,412	5,545	6,000
Brazil.....	6,000	6,120	6,300	Yugoslavia.....	3,590	3,825	3,950
Peru.....	1,200	1,230	1,230	<b>Total Eastern Europe.....</b>	<b>32,317</b>	<b>32,786</b>	<b>34,019</b>
Venezuela.....	1,743	1,671	1,788	<b>Total Europe.....</b>	<b>51,669</b>	<b>53,142</b>	<b>55,075</b>
<b>Total.....</b>	<b>12,718</b>	<b>12,693</b>	<b>12,858</b>	<b>Soviet Union.....</b>	<b>57,400</b>	<b>55,600</b>	<b>58,400</b>
<b>Europe:</b>				<b>Asia and Oceania:</b>			
Belgium and Luxembourg.....	3,677	3,823	3,500	Hong Kong.....	54	53	54
Denmark.....	1,292	1,218	1,180	Japan.....	29,798	30,990	31,400
France.....	13,120	12,890	12,570	Lebanon.....	900		
Germany, Fed. Rep. of.....	15,000	14,350	15,000	Turkey.....	2,597	3,093	3,300
Ireland.....	734	691	670	Australia <sup>2</sup> .....	3,384	3,228	3,985
Italy.....	11,400	11,562	11,870	<b>Total.....</b>	<b>36,433</b>	<b>37,364</b>	<b>37,839</b>
Netherlands.....	5,326	5,624	6,005	<b>Grand total.....</b>	<b>235,422</b>	<b>236,558</b>	<b>242,594</b>
United Kingdom.....	13,569	13,950	14,000				
<b>Total EC.....</b>	<b>64,108</b>	<b>63,808</b>	<b>64,705</b>				
Austria.....	1,567	1,577	1,820				
Finland.....	1,403	1,503	1,444				
Greece.....	2,100	2,233	2,240				
Norway.....	647	631	627				
Portugal.....	922	1,191	1,023				
Spain.....	10,147	10,819	11,647				
Sweden.....	1,846	1,700	1,725				
Switzerland.....	720	730	730				
<b>Total Western Europe.....</b>	<b>19,352</b>	<b>20,388</b>	<b>21,056</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 595.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1963-77

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms	Gross income <sup>2</sup>
			Total produced	Consumed in farm household	Sold				
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1963.....	298,476	213	63,500	2,729	60,770	34.5	1,747,179	76,769	1,823,948
1964.....	301,136	217	65,215	2,439	62,776	35.8	1,769,648	66,736	1,836,384
1965.....	301,053	219	65,560	2,056	63,504	35.7	1,784,898	55,732	1,840,630
1966.....	303,832	218	66,205	1,612	64,593	39.1	2,106,841	50,686	2,156,527
1967.....	313,717	221	69,327	1,558	67,769	31.3	1,764,933	38,878	1,803,811
1968.....	309,824	220	68,156	1,393	66,763	34.0	1,892,800	38,016	1,930,816
1969.....	306,886	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971.....	312,586	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972.....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973.....	299,558	227	66,039	627	65,412	32.5	2,859,253	26,517	2,885,770
1974.....	284,732	230	65,620	580	65,040	35.2	2,884,478	28,044	2,909,522
1975.....	278,101	232	64,626	536	64,090	32.4	2,736,785	22,490	2,819,275
1976.....	274,134	235	64,511	502	64,009	38.3	3,109,916	23,556	3,133,472
1977 <sup>4</sup> .....	274,642	235	64,540	473	64,067	35.7	2,972,295	21,368	2,993,663

See footnotes on page 414.

Table 596.—Eggs: Production, disposition, cash receipts, and gross income, by States, 1977 (preliminary) <sup>1</sup>

State	Produced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms <sup>2</sup>	Gross income <sup>3</sup>
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	3,183	13	3,170	60.6	160,085	657	160,743
Alaska.	6.2	(*)	6.2	120.0	620		620
Ariz.	140	5	139.5	48.3	5,618	20	5,635
Ark.	3,812	12	3,800	57.0	180,500	870	181,070
Calif.	8,345	5	8,340	50.8	353,060	212	353,272
Colo.	808	6	802	53.0	22,173	285	22,437
Conn.	863	1	862	72.3	51,936	60	51,996
Del.	128	6	127.4	68.3	7,251	34	7,285
Fla.	2,998	4	2,994	45.9	114,521	183	114,674
Hawaii.	5,535	8	5,537	63.0	290,168	420	290,588
Idaho.	218	(*)	218	68.3	12,408		12,408
Ill.	192	4	188	50.0	7,533	167	8,000
Ind.	1,389	13	1,376	56.5	64,787	612	65,399
Iowa.	3,004	14	2,990	54.8	136,543	639	137,182
Kans.	2,004	26	1,978	43.2	89,560	914	70,474
Ky.	530	13	517	44.1	19,000	478	19,478
La.	556	23	533	50.6	22,475	970	23,445
Maine.	598	9	589	65.7	32,348	493	32,741
Md.	1,849	1	1,848	66.0	101,640	65	101,695
Mass.	308	4	304	68.1	17,252	227	17,479
Mich.	354	1	353	69.9	20,562	58	20,620
Minn.	1,530	15	1,515	49.6	62,620	620	63,240
Miss.	2,120	20	2,100	44.4	77,700	740	78,440
Mo.	1,775	10	1,765	68.4	97,663	533	98,216
Mont.	1,168	19	1,149	50.1	47,971	793	48,764
Nebr.	175	8	167	37.0	7,833	380	8,313
Nev.	739	17	722	41.5	24,969	588	25,557
N.H.	3.1	7	2.4	52.1	104	30	134
N.J.	210	1	209	66.5	12,105	58	12,163
N.Mex.	446	1	445	60.6	22,473	51	22,524
N.Y.	288	1	287	59.0	14,111	49	14,160
N.C.	1,825	13	1,812	53.4	80,634	579	81,213
N.Dak.	2,968	19	2,949	66.3	182,932	1,080	183,982
Ohio.	99	10	89	37.0	2,744	308	3,052
Okla.	1,634	18	1,616	48.8	77,917	732	78,649
Oreg.	487	15	472	63.0	24,387	775	25,162
Pa.	825	8	817	54.5	23,480	363	23,843
R.I.	2,943	18	2,925	53.7	130,894	806	131,700
S.C.	50.7	(*)	50.7	70.1	2,962		2,962
S.Dak.	1,248	8	1,240	56.7	58,590	578	58,968
Tenn.	579	15	564	39.4	18,518	463	19,011
Tex.	993	14	979	37.8	47,188	674	47,829
Utah.	2,380	39	2,341	62.3	121,537	2,025	123,562
Vt.	335	1.4	333.6	48.2	13,400	56	13,456
Wa.	121	2	119	75.1	7,447	125	7,572
Wash.	819	14	805	65.3	43,805	762	44,567
W.Va.	1,050	6	1,044	50.6	44,022	253	44,275
Wis.	192	6	186	62.5	9,688	313	10,001
Wyo.	993	14	979	53.1	43,321	620	43,941
	23.7	2	21.7	54.0	977	90	1,067
U.S.	64,540	473	64,067	55.7	2,972,295	21,268	2,993,563

<sup>1</sup> Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Valued at same price as eggs sold.

<sup>3</sup> Cash receipts plus value of home consumption may not add to gross income due to rounding.

<sup>4</sup> Less than one-half million eggs.

<sup>5</sup> Sum of States will not add to U.S. total due to rounding.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 597.—Eggs: Supply, distribution, and per capita consumption, United States, 1963-77

Year	Total egg production	Storage at beginning of the year <sup>1,2</sup>	Imports <sup>3</sup>	Exports and shipments to Territories <sup>1,3</sup>	Eggs used for hatching <sup>4</sup>	Consumption			
						Storage at end of the year <sup>1,2</sup>	Military <sup>5</sup>	Civilian	
								Total <sup>6</sup>	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1963.....	5,345	50	1	43	304	44	67	4,938	318
1964.....	5,436	44	2	32	312	46	76	5,015	318
1965.....	5,463	46	1	39	323	41	94	5,063	314
1966.....	5,517	41	15	43	365	28	102	5,035	313
1967.....	5,777	28	4	55	381	71	110	5,212	320
1968.....	5,680	71	6	46	364	56	108	5,183	316
1969.....	5,629	56	9	41	395	34	83	5,141	310
1970.....	5,704	34	27	45	400	39	79	5,201	310
1971.....	5,806	40	10	45	391	58	61	5,301	312
1972.....	5,742	58	1	56	390	53	64	5,238	304
1973.....	5,592	53	13	40	389	34	42	5,054	291
1974.....	5,461	34	13	57	366	42	38	5,005	286
1975.....	5,382	42	5	62	371	28	43	4,925	280
1976.....	5,376	28	3	65	407	21	45	4,869	274
1977 <sup>4</sup> .....	5,403	21	14	91	427	24	36	4,860	272

<sup>1</sup> Commercial and USDA.<sup>2</sup> Shell equivalent of eggs and egg products.<sup>3</sup> Estimated from number of chickens hatched.<sup>4</sup> Includes an allowance for nonfarm (backyard) flocks.<sup>5</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Economics. Data for 1929-62 in *Agricultural Statistics, 1978*, table 617.

Table 598.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-77

Year		Year		Year	
Large		Large		Large	
<i>Cents</i>		<i>Cents</i>		<i>Cents</i>	
1970.....	47.49	1973.....	65.63	1976.....	70.33
1971.....	39.95	1974.....	64.49	1977.....	63.27
1972.....	41.61	1975.....	63.93		

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 595

<sup>1</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>2</sup> Value of sales plus value of eggs consumed in households of producers.<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Preliminary.Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Data for 1950-62 in *Agricultural Statistics, 1978*, table 615.

Table 599.—Eggs: Products under Federal inspection, United States, fiscal years 1976 and 1977

Item	Quantity		Item	Quantity	
	1976	1977		1976	1977
Shell eggs broken.....	1,000 dozen 848,037	1,000 dozen 674,793	Frozen product produced: *	1,000 pounds	1,000 pounds
Edible liquid from shell eggs broken:	1,000 pounds	1,000 pounds	Whole plain.....	133,000	159,814
Whole.....	353,869	424,933	Whole blends.....	32,448	61,596
White.....	188,680	241,173	White.....	40,616	43,475
Yolk.....	131,662	168,972	Yolk plain.....	11,793	12,829
Total.....	674,211	835,076	Yolk blends.....	81,780	70,363
Inedible liquid from shell eggs broken.....	36,744	45,344	Total.....	280,617	348,076
Liquid egg used in processing: †			Dried product produced: *		
Whole.....	403,777	487,904	Whole plain.....	8,780	10,371
White.....	258,947	344,964	Whole blends.....	20,534	24,521
Yolk.....	147,905	190,314	White.....	13,612	10,217
Total.....	810,629	1,023,183	Yolk plain.....	9,992	12,804
Ingredients added in processing ‡	30,020	36,077	Yolk blends.....	4,307	6,746
Liquid product produced for immediate consumption and processing: §			Total.....	57,495	74,749
Whole plain.....	111,329	131,994			
Whole blends.....	51,183	51,573			
White.....	109,812	148,969			
Yolk plain.....	20,558	25,533			
Yolk blends.....	33,964	36,150			
Total.....	326,915	394,218			

\* Includes frozen eggs used for processing. Excludes ingredients added.

† Includes all non-egg ingredients added.

‡ Includes ingredients added.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience, the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

- Economic trends, table 600.
- Farm property, table 601.
- Population and employment, table 619.
- Farm production and distribution, table 628.
- Price and income, table 646.
- Costs and expenses, table 663.

The three tables which formerly carried data designated "Motor vehicles," "Specified machines," and "Tractors" have been combined into one table entitled "Farm machinery."

The table with number of selected types of farm machines manufactured and the table showing value of shipments of farm machines and equipment have been revised to include changes in the data as it is currently collected by the Bureau of the Census.

**Table 600.—Economic trends: Data relating to agriculture, United States, 1963-77**

Year	Prices paid by farmers		Prices received by farmers	Farm income				
	Total including interest, taxes, and wage rates	Commodities only		Realized gross farm income (including Government payments)	Production expenses	Realized net income of farm operators	Total net income of farm operators	Realized net income per farm
	Index numbers 1967 = 100	Index numbers 1967 = 100	Index numbers 1967 = 100	Million dollars	Million dollars	Million dollars	Million dollars	Dollars
1963.....	91	94	96	42,739	31,598	11,141	11,770	3,119
1964.....	92	93	93	43,121	31,812	11,309	10,492	3,272
1965.....	94	96	98	45,507	33,650	11,857	12,899	3,533
1966.....	99	99	106	50,551	36,508	14,043	13,960	4,312
1967.....	100	100	100	49,863	38,181	11,682	12,339	3,695
1968.....	103	102	102	51,723	39,625	12,198	12,322	3,972
1969.....	108	106	107	56,309	42,115	14,194	14,293	4,731
1970.....	112	110	110	58,869	44,424	14,445	14,151	4,797
1971.....	118	115	113	60,603	47,367	13,236	14,632	4,861
1972.....	125	122	125	70,119	52,315	17,804	18,065	6,223
1973.....	144	142	179	95,505	65,562	29,943	33,349	10,607
1974.....	164	161	192	99,951	72,210	27,741	26,130	9,925
1975.....	180	177	185	96,938	75,863	21,075	24,475	7,617
1976.....	191	187	186	104,087	82,972	21,115	18,750	7,712
1977.....	202	196	183	108,100	87,969	20,131	20,543	7,439

See footnotes at end of table.

Table 600.—Economic trends: Data relating to agriculture, United States, 1963-77—Continued

Year	Farm real estate value <sup>1</sup>	Farm real estate debt	Volume of agri- cultural exports	Volume of agri- cultural imports	National income <sup>2</sup>	Dispos- able personal income	Indus- trial production <sup>3</sup>	Con- sumer prices, <sup>4</sup> all items	Producer prices all com- modities <sup>4</sup>
	Index numbers 1967 = 100	Million dollars	Index numbers 1967 = 100	Index numbers 1967 = 100	Billion dollars	Billion dollars	Index numbers 1967 = 100	Index numbers 1967 = 100	Index numbers 1967 = 100
1963.....	77	15,168	92	99	482.8	402.8	76.5	91.7	94.5
1964.....	82	16,804	104	93	519.2	437.0	81.7	92.9	94.7
1965.....	86	18,984	101	95	566.0	472.2	86.8	94.5	96.6
1966.....	93	21,187	107	101	622.2	510.4	97.8	97.2	99.8
1967.....	100	23,077	100	100	655.8	544.5	100.0	100.0	100.0
1968.....	107	25,142	100	112	714.4	588.1	106.3	104.2	102.5
1969.....	113	27,397	94	105	767.9	630.4	111.1	109.8	106.5
1970.....	117	29,183	111	110	798.4	685.9	107.8	116.2	110.4
1971.....	122	30,546	111	113	858.1	742.8	106.0	121.3	114.0
1972.....	132	32,208	129	118	961.9	801.3	119.7	125.3	119.1
1973.....	150	35,758	166	121	1,064.6	901.7	129.5	133.1	134.7
1974.....	187	41,253	155	115	1,136.0	984.6	129.3	147.7	160.1
1975.....	213	46,288	156	123	1,215.0	1,086.7	117.8	161.2	174.9
1976.....	242	51,069	174	139	1,359.2	1,184.4	129.8	170.5	183.0
1977.....	283	56,890	177	138	1,515.3	1,303.0	137.0	181.5	194.2

<sup>1</sup> Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 in 1976 and 1977.<sup>2</sup> U.S. Department of Commerce.<sup>3</sup> Federal Reserve Board.<sup>4</sup> U.S. Department of Labor.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics.

Table 601.—Farms: Number, total land, and average size of farm, United States, 1963-78

Year	Farms	Total land in farms	Average size of farm
	Number	1,000 acres	Acres
1963.....	3,872,200	1,151,572	322
1964.....	3,456,690	1,146,106	332
1965.....	3,356,170	1,139,597	340
1966.....	3,257,040	1,131,844	348
1967.....	3,161,730	1,123,456	355
1968.....	3,070,880	1,115,231	363
1969.....	3,000,180	1,107,511	369
1970.....	2,949,140	1,102,371	374
1971.....	2,902,310	1,096,863	378
1972.....	2,859,880	1,092,065	382
1973.....	2,823,260	1,087,923	385
1974.....	2,795,460	1,084,433	388
1975.....	2,766,750	1,081,448	391
1976.....	2,737,850	1,078,263	394
1977.....	2,706,450	1,075,063	397
1978 <sup>1</sup> .....	2,680,150	1,072,333	400

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 602.—Farms: Number and area, by States, 1977 and 1978

State	Farms		Land in farms	
	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
	Number	Number	1,000 acres	1,000 acres
Ala.....	77,000	76,000	14,500	14,400
Alaska <sup>2</sup> .....	310	310	1,090	1,090
Ariz.....	9,600	6,600	40,800	40,700
Ark.....	68,000	68,000	17,300	17,300
Calif.....	75,000	75,000	34,400	34,000
Colo.....	29,000	29,000	29,000	29,000
Conn.....	4,000	4,000	470	470
Del.....	3,800	3,500	665	635
Fla.....	38,500	38,500	14,100	14,000
Ga.....	70,000	69,000	17,000	17,000
Hawaii.....	4,100	4,100	2,300	2,300
Idaho.....	27,000	26,900	15,600	15,600
Ill.....	118,000	117,000	29,000	28,900
Ind.....	96,000	95,000	17,100	17,100
Iowa.....	131,000	128,000	34,200	34,100
Kans.....	77,000	76,000	48,700	48,500
Ky.....	118,000	117,000	15,500	15,500
La.....	44,600	43,000	11,200	11,100
Maine.....	7,600	7,600	1,690	1,690
Md.....	17,500	17,400	2,905	2,900
Mass.....	8,300	8,300	670	670
Mich.....	74,000	72,000	11,600	11,400
Minn.....	116,000	114,000	30,600	30,600
Miss.....	79,000	78,000	16,300	16,200
Mo.....	133,000	133,000	22,600	22,600
Mont.....	23,800	22,900	62,100	62,100
Neb <sup>3</sup> .....	68,000	68,000	48,000	48,000
Nev <sup>3</sup> .....	2,100	2,100	9,000	9,000
N.H.....	3,000	3,000	580	580
N.J.....	8,300	8,300	1,015	1,015
N. Mex.....	12,800	12,800	47,300	47,300
N.Y.....	57,000	57,000	11,100	11,100
N.C.....	117,000	115,000	13,200	13,100
N. Dak.....	41,500	41,500	41,700	41,700
Ohio.....	108,000	108,000	16,900	16,800
Okl.....	86,000	85,000	26,800	26,700
Oreg.....	34,000	34,000	19,300	19,200
Pa.....	72,000	72,000	10,000	10,000
R.I.....	740	740	68	68
S.C.....	45,000	45,000	7,700	7,700
S. Dak.....	43,500	43,000	45,500	45,500
Tenn.....	112,000	110,000	14,700	14,600
Tex.....	199,000	197,000	140,000	139,800
Utah.....	13,400	13,400	12,900	12,900
Vt.....	6,700	6,700	1,800	1,800
Va.....	62,000	61,000	10,000	9,900
Wash.....	36,500	36,500	16,200	16,200
W. Va.....	26,000	26,000	4,650	4,600
Wis.....	100,000	99,000	19,100	19,000
Wyo.....	8,100	8,000	35,300	35,300
U.S.....	2,706,450	2,680,180	1,075,003	1,072,333

<sup>1</sup> Preliminary.<sup>2</sup> Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 605

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes urban and transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.<sup>5</sup> Remasurement and increases in reservoirs account for changes in total land area except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 603.—Farms: Classification by tenure of operator, United States, 1880-1974

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Number	Percent	Percent	Percent	Percent	Percent
1880.....	4,008,907				25.6	
1890.....	4,564,641				28.4	
1900.....	5,737,372	55.8	7.9	1.0	35.3	
1910.....	6,361,502	52.7	9.3	.9	37.0	
1920.....	6,448,343	52.2	8.7	1.1	38.1	17.5
1925.....	6,371,640	53.0	8.7	.6	38.6	19.9
1930 <sup>1</sup> .....	6,295,103	46.3	10.4	.9	42.4	24.1
1935.....	6,812,350	47.1	10.1	.7	43.1	20.9
1940 <sup>1</sup> .....	6,102,417	50.6	10.1	.6	38.8	18.0
1945.....	5,859,160	56.3	11.3	.7	31.7	15.5
1950 <sup>1</sup> .....	5,388,437	57.4	15.3	.4	26.9	13.1
1954.....	4,782,416	57.4	18.2	.4	24.0	11.6
1959 <sup>1</sup> .....	3,710,505	57.1	22.5	.6	19.8	7.4
1964.....	3,187,857	57.6	24.8	.6	17.1	
1969 <sup>1</sup> .....	2,730,230	62.5	24.6		12.9	
1974 <sup>1</sup> .....	2,314,013	61.6	27.2		11.3	

<sup>1</sup> Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 604.—Land in farms: Classification by tenure of operator, United States, 1880-1974

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Acres	Percent	Percent	Percent	Percent	Percent
1880.....	536,081,835					
1890.....	623,218,619					
1900.....	838,591,744	51.4	14.9	10.4	23.3	
1910.....	878,798,325	52.9	15.2	6.1	25.8	
1920.....	955,883,715	48.3	18.4	5.7	27.7	6.4
1925.....	924,319,352	45.4	21.3	4.7	28.7	7.1
1930 <sup>1</sup> .....	990,111,084	37.6	24.9	6.4	31.0	9.2
1935.....	1,054,515,111	37.1	25.2	5.8	31.9	7.9
1940 <sup>1</sup> .....	1,068,113,774	35.9	28.2	6.6	29.4	6.3
1945.....	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950 <sup>1</sup> .....	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954.....	1,158,191,511	34.2	40.7	8.6	16.4	2.4
1959 <sup>1</sup> .....	1,123,507,574	30.8	44.8	9.8	14.5	1.4
1964.....	1,110,187,000	28.7	48.0	10.2	13.1	
1969 <sup>1</sup> .....	1,063,346,489	35.3	51.8		12.9	
1974 <sup>1</sup> .....	1,017,030,387	35.3	52.7		12.0	

<sup>1</sup> Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 605.—Land utilization, United States, selected years, 1910-74

Major land uses	1910	1920	1930	1940	1950	1959	1969	1974
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops <sup>1</sup> .....	330	368	382	368	377	350	333	361
Idle cropland.....	23	34	31	31	32	33	51	21
Cropland used only for pasture.....	84	78	67	68	69	66	88	83
Grassland pasture <sup>2</sup> .....	693	652	652	650	631	633	604	598
Forest land <sup>3</sup> .....	600	602	601	608	601	738	723	718
Special uses <sup>4</sup> .....						147	174	182
Other land.....	174	170	171	179	194	305	291	301
Total land area <sup>5</sup> .....	1,904	1,904	1,904	1,904	1,904	2,271	2,264	2,264

See footnotes on page 418.

Table 606.—Land utilization, by States, 1974

State	Cropland			Grassland pasture <sup>1</sup>	Forest land <sup>2</sup>	Special use areas <sup>3</sup>	Other land	Total land area
	Used for crops <sup>1</sup>	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala.	3,243	419	2,135	2,917	21,333	1,768	637	32,432
Alaska	17	6	2	1,025	118,076	32,902	209,888	362,516
Ariz.	1,310	218	117	40,941	17,420	8,709	3,872	72,587
Ark.	7,296	521	2,469	2,559	18,236	1,566	598	33,245
Calif.	9,276	463	1,404	23,910	39,826	16,292	8,900	100,071
Colo.	9,159	508	1,292	29,274	19,387	3,238	3,552	66,410
Conn.	163	15	56	46	1,846	661	325	3,112
Del.	513	12	21	8	390	186	138	1,268
D.C.						39		
Fla.	2,732	380	1,080	6,026	17,632	5,647	1,095	34,618
Ga.	4,764	556	1,828	1,731	24,869	2,766	653	37,167
Hawaii	151	169	37	1,018	1,626	842	269	4,112
Idaho	5,272	249	874	20,840	18,030	4,078	3,570	52,913
Ill.	22,502	652	1,856	1,834	3,745	3,211	1,879	35,679
Ind.	11,978	678	1,423	1,487	3,670	2,041	1,625	23,102
Iowa	24,134	425	3,630	2,152	2,430	1,968	1,063	35,902
Kans.	26,821	909	3,895	15,950	1,363	2,310	1,196	52,344
Ky.	4,339	571	4,487	2,013	11,858	1,519	559	25,378
La.	4,037	595	1,427	2,270	15,342	1,731	3,353	28,735
Maine	456	96	101	142	17,505	779	710	19,789
Md.	1,825	110	258	209	2,925	1,028	275	6,330
Mass.	193	16	55	52	2,848	1,208	637	5,009
Mich.	6,567	589	909	1,241	19,000	3,887	3,910	36,365
Minn.	20,519	1,394	1,903	1,954	18,415	4,004	2,466	50,745
Miss.	5,467	764	2,478	2,620	16,892	1,281	767	30,280
Mo.	12,842	947	6,692	6,810	12,661	2,321	2,084	44,187
Mont.	14,504	372	1,145	49,465	19,899	4,633	3,158	93,176
Nebr.	19,724	412	3,274	22,137	1,032	1,618	752	48,949
Nev.	564	36	153	46,673	7,255	7,235	8,412	70,328
N.H.	120	11	43	34	5,046	304	219	5,777
N.J.	569	62	83	54	1,856	1,598	591	4,613
N. Mex.	1,555	207	542	50,525	17,286	5,325	2,285	77,709
N.Y.	4,396	461	1,228	1,580	14,997	5,502	2,548	30,612
N.C.	4,819	628	1,099	1,050	20,223	2,731	651	31,231
N. Dak.	27,275	753	2,270	10,528	419	1,332	1,562	44,339
Ohio	10,457	733	1,515	1,610	6,422	2,983	2,504	26,224
Okl.	10,731	449	4,651	16,235	9,296	2,029	629	44,020
Oreg.	4,242	219	815	23,172	29,387	2,655	1,067	61,557
Pa.	4,437	470	1,023	1,026	17,638	3,714	470	28,778
R.I.	22	2	5	5	365	190	52	671
S.C.	2,610	251	704	667	12,402	1,599	1,111	19,244
S. Dak.	16,555	255	2,770	24,670	1,700	1,590	971	48,511
Tenn.	4,439	436	3,501	1,899	12,820	2,193	1,162	26,450
Tex.	24,383	2,275	11,280	95,903	24,043	6,852	3,130	167,796
Utah	1,426	132	438	23,711	14,720	5,185	6,929	52,541
Vt.	543	36	233	234	4,384	263	238	5,931
Va.	2,685	315	1,690	1,819	16,076	2,127	747	25,459
Wash.	7,470	209	688	6,679	20,534	5,337	1,688	42,605
W. Va.	771	107	739	717	12,126	568	377	15,435
Wis.	9,538	566	1,762	2,065	14,891	2,664	3,341	34,857
Wyo.	2,101	69	560	46,016	5,855	5,375	2,204	62,210
U.S.	361,340	21,008	82,736	507,833	718,177	181,064	300,829	2,263,587

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 607.—Land in farms:<sup>1</sup> Irrigated land, by States, 1939-74

State	1939	1944	1949	1954	1959	1964	1969	1974
	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )	1,000 acres ( <sup>2</sup> )
Ala.								
Alaska						( <sup>3</sup> )	11	14
Ariz.	575	736	964	1,177	1,152	1,123	1,178	1,153
Ark.	159	289	422	858	712	974	1,010	949
Calif.	4,277	4,952	6,438	7,048	7,396	7,599	7,240	7,749
Colo.	2,468	2,699	2,872	2,263	2,685	2,690	2,695	2,874
Conn.	( <sup>3</sup> )	( <sup>3</sup> )	8	12	5	14	9	7
Del.	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6	10	18	20	20
Fla.	126	222	365	428	414	1,217	1,365	1,559
Ga.	( <sup>3</sup> )	( <sup>3</sup> )	3	24	34	64	79	112
Hawaii	( <sup>3</sup> )	( <sup>3</sup> )	117	( <sup>3</sup> )	141	144	146	142
Idaho	1,895	2,026	2,137	2,325	2,577	2,802	2,761	2,859
Ill.	( <sup>3</sup> )	( <sup>3</sup> )	2	7	10	14	51	54
Iowa	1	1	2	12	17	17	34	33
Kans.	2	1	1	2	18	22	21	39
Ky.	( <sup>3</sup> )	( <sup>3</sup> )	139	332	762	1,094	1,522	2,010
La.	414	536	577	708	485	581	702	702
Maine	( <sup>3</sup> )	( <sup>3</sup> )	2	1	2	4	6	6
Md.	( <sup>3</sup> )	( <sup>3</sup> )	1	8	11	16	22	23
Mass.	2	11	19	23	20	24	19	19
Mich.	3	3	14	23	49	49	77	97
Minn.	3	( <sup>3</sup> )	4	9	15	18	36	78
Miss.	( <sup>3</sup> )	( <sup>3</sup> )	5	132	100	123	150	162
Mo.	1	1	2	33	30	59	156	150
Mont.	1,588	1,555	1,717	1,891	1,875	1,893	1,841	1,759
Nebr.	474	632	876	1,171	2,078	2,169	2,857	3,967
Nev.	756	674	737	567	543	825	753	778
N.H.	( <sup>3</sup> )	( <sup>3</sup> )	1	1	1	3	2	2
N.J.	8	12	28	59	74	96	72	89
N. Mex.	438	535	655	650	732	813	823	867
N.Y.	6	10	19	59	58	79	55	85
N.C.	( <sup>3</sup> )	( <sup>3</sup> )	2	25	66	97	59	51
N. Dak.	20	23	35	38	48	51	63	71
Ohio	5	4	6	15	12	17	22	22
Okl.	4	2	34	108	198	302	324	515
Oreg.	1,030	1,129	1,307	1,490	1,384	1,608	1,519	1,561
Pa.	( <sup>3</sup> )	( <sup>3</sup> )	7	18	17	23	19	18
R.I.	( <sup>3</sup> )	( <sup>3</sup> )	2	1	( <sup>3</sup> )	1	2	2
S.C.	( <sup>3</sup> )	( <sup>3</sup> )	6	22	25	19	15	10
S. Dak.	54	53	78	90	116	130	148	182
Tenn.	( <sup>3</sup> )	( <sup>3</sup> )	1	23	11	11	12	10
Tex.	895	1,320	3,123	4,707	5,656	6,385	6,888	6,594
Utah	911	1,124	1,138	1,073	1,062	1,062	1,025	970
Vt.	0	( <sup>3</sup> )	( <sup>3</sup> )	1	2	( <sup>3</sup> )	( <sup>3</sup> )	1
Va.	1	1	3	22	31	51	37	28
Wash.	494	520	589	778	1,007	1,150	1,224	1,309
W. Va.	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1	1	2	3	2
Wis.	2	5	10	18	32	62	106	128
Wyo.	1,284	1,354	1,432	1,263	1,470	1,571	1,523	1,460
U.S.	17,983	20,539	25,905	29,552	33,164	37,057	39,122	41,242
P.R.	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	76	89	91	70
V.I.	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total	17,983	20,539	25,905	29,552	33,240	37,145	39,213	41,313

<sup>1</sup> Data may not add because of rounding.<sup>2</sup> Less than 500 acres.<sup>3</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 609

<sup>1</sup> Land and buildings.<sup>2</sup> Excludes Alaska and Hawaii. Data as of the first day of month specified.

Economics, Statistics, and Cooperatives Service—Economics.

Table 608.—Farm real estate: Value of farmland and buildings by farm production regions, 1963-78 <sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963	8,436	11,383	33,615	15,507	11,587	9,585
1964	8,758	11,766	35,496	16,343	12,537	10,328
1965	9,195	12,022	37,431	17,184	13,191	11,019
1966	9,580	12,555	41,384	18,729	14,016	11,513
1967	10,024	13,462	44,860	20,233	14,940	11,980
1968	10,477	14,178	47,091	21,819	15,866	12,571
1969	11,190	15,116	48,983	22,917	16,680	13,531
1970	12,290	15,786	49,604	23,102	17,267	14,453
1971	12,854	16,317	50,462	23,442	18,272	15,513
1972	13,969	17,351	53,342	24,844	19,555	16,822
1973	15,813	20,021	59,552	27,885	22,090	18,794
1974	19,348	24,063	75,062	35,457	26,346	23,894
1975	22,080	28,115	86,615	42,740	28,768	26,732
1976	24,412	32,467	105,646	50,069	31,765	27,929
1977	26,822	39,983	139,101	57,145	34,737	29,946
1978	29,223	45,252	152,054	58,622	37,469	33,010

  

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963	7,130	19,044	12,952	20,174	149,712
1964	7,999	19,894	13,575	21,366	158,062
1965	8,797	21,326	14,073	22,741	165,690
1966	9,736	22,338	15,206	23,673	173,663
1967	10,236	23,346	16,094	23,346	188,529
1968	11,022	25,000	16,954	24,113	199,099
1969	11,786	26,289	17,575	24,504	208,572
1970	12,412	27,552	18,413	24,264	215,042
1971	12,674	28,982	19,729	24,049	222,324
1972	13,754	31,744	21,904	25,271	228,656
1973	15,088	35,896	24,567	26,535	256,241
1974	18,161	43,879	30,803	29,556	326,569
1975	19,446	45,426	33,921	33,304	367,157
1976	20,434	49,758	37,893	35,160	415,473
1977	22,105	53,472	42,367	36,470	482,148
1978	24,821	58,930	45,325	40,246	523,952

<sup>1</sup> As of Mar. 1 in 1963-75 and as of Feb. 1 in 1976-78. Data are derived by multiplying average value per acre of farm real estate by the land in farms.

Economics, Statistics, and Cooperatives Service—Economics.

Table 609.—Farm real estate: Index numbers of average value per acre, United States, 1963-78 <sup>1 2</sup>

[1967 = 100]

Date	Index	Date	Index	Date	Index
1963:		1969:		1975:	
Mar.....	77	Mar.....	113	Mar.....	213
Nov.....	80	Nov.....	116	Nov.....	228
1964:		1970:		1976:	
Mar.....	82	Mar.....	117	Feb.....	242
Nov.....	85	Nov.....	120	Nov.....	267
1965:		1971:		1977:	
Mar.....	86	Mar.....	122	Feb.....	283
Nov.....	90	Nov.....	127	Nov.....	296
1966:		1972:		1978:	
Mar.....	93	Mar.....	132	Feb.....	308
Nov.....	98	Nov.....	141		
1967:		1973:			
Mar.....	100	Mar.....	150		
Nov.....	105	Nov.....	170		
1968:		1974:			
Mar.....	107	Mar.....	187		
Nov.....	111	Nov.....	204		

See footnotes on page 421.

Table 610.—Farm real estate: Index numbers of average value per acre, by States, 1974-78<sup>1</sup>  
(1967 = 100)

State	1974	1975	1976	1977	1978	State	1974	1975	1976	1977	1978
Ala.....	211	232	258	275	288	Nev.....	299	299	307	307	341
Aris.....	208	211	217	227	237	N.H.....	231	257	278	301	332
Ark.....	186	191	213	238	261	N.J.....	278	340	377	377	387
Calif.....	122	133	136	137	155	N. Mex.....	186	197	206	227	236
Colo.....	194	209	244	285	305	N.Y.....	233	275	296	313	318
Conn.....	231	257	278	301	332	N.C.....	200	216	232	246	253
Del.....	199	242	288	334	374	N. Dak.....	193	285	310	349	369
Fla. ?	200	224	237	253	273	Ohio.....	184	208	232	331	373
Ga.....	264	298	299	322	337	Okl.....	183	212	234	258	284
Idaho.....	203	243	264	296	320	Oreg.....	213	228	242	254	277
Ill.....	173	209	260	353	390	Pa.....	262	315	350	422	471
Ind.....	161	200	244	321	361	R.I.....	231	257	278	301	332
Iowa.....	189	234	294	397	413	S.C.....	238	273	284	311	319
Kans.....	178	211	235	267	270	S. Dak.....	172	214	241	287	336
Ky.....	182	203	239	281	317	Tenn.....	206	236	251	275	307
La.....	174	191	201	218	251	Texas.....	191	193	213	228	252
Maine.....	231	257	278	301	332	Utah.....	216	232	261	289	305
Md.....	227	248	299	318	368	Vt.....	231	257	278	301	332
Mass.....	231	257	278	301	332	Va.....	223	250	278	302	327
Mich.....	174	184	201	256	287	Wash.....	160	178	213	249	288
Minn.....	186	242	294	369	413	W. Va.....	275	317	398	417	426
Miss.....	182	204	205	217	249	Wis.....	214	240	271	322	381
Mo.....	207	214	241	284	325	Wyo.....	191	218	254	273	285
Mont.....	203	237	278	321	355						
Nebr.....	183	215	271	307	369	48 States.....	187	213	242	283	308

<sup>1</sup> All farmlands with improvements as of Mar. 1; Feb. 1, beginning 1976.

<sup>2</sup> Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973.

Economics, Statistics, and Cooperatives Service—Economics.

Table 611.—Farm transfers: Estimated number by various methods per 1,000 of all farms, United States, 1963-78<sup>1</sup>  
(Number per thousand)

Year <sup>2</sup>	Voluntary sales	Foreclosures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total	Year <sup>2</sup>	Voluntary sales	Foreclosures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total
1963.....	28.5	1.2	0.4	14.7	44.8	1971.....	28.7	1.4	-----	12.6	42.7
1964.....	28.5	1.6	.4	14.6	45.1	1972.....	34.0	1.4	-----	12.5	47.9
1965.....	30.3	1.4	.4	14.3	46.4	1973.....	41.0	1.3	-----	13.5	55.9
1966.....	31.1	.9	.6	13.7	46.3	1974.....	41.2	.9	-----	16.2	58.3
1967.....	30.9	.8	.2	12.6	44.5	1975.....	32.3	1.3	-----	14.3	47.8
1968.....	30.4	1.1	.2	12.5	44.2	1976.....	28.1	1.5	-----	13.1	42.7
1969.....	30.6	1.0	.3	12.9	44.8	1977.....	28.0	1.4	-----	13.6	43.0
1970.....	27.8	1.6	-----	12.0	41.4	1978.....	26.9	2.0	-----	12.8	41.7

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Years ending Mar. 1 in 1963-75 and Feb. 1 in 1976-78.

<sup>3</sup> Includes foreclosures, assignments, bankruptcies, and related defaults.

<sup>4</sup> Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.

Economics, Statistics, and Cooperatives Service—Economics.



Table 612.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, 1969-78

[Number per thousand]

Type of transfer and year <sup>1</sup>	North-east	Lake States	Corn Belt	North-Plains	Appalachian	South-east	Delta States	South-Plains	Mountain	Pacific	United States <sup>2</sup>
<b>Voluntary sales and trades:<sup>3</sup></b>											
1969	34.7	38.6	29.2	22.5	26.3	25.5	28.8	31.2	38.9	43.4	30.6
1970	34.6	38.2	25.6	21.9	20.5	23.6	25.7	28.1	38.1	38.5	27.8
1971	37.4	36.0	24.3	19.3	24.2	30.1	21.9	30.4	35.8	40.5	28.7
1972	35.9	39.5	35.2	26.0	27.9	30.6	23.4	40.9	42.5	48.3	34.0
1973	42.7	42.3	40.7	32.5	35.6	43.3	31.0	46.3	49.3	61.1	41.0
1974	37.9	44.3	43.0	32.1	34.0	32.6	34.2	52.6	53.9	58.9	41.2
1975	33.1	40.3	30.4	22.8	26.4	28.7	29.3	33.6	40.8	58.2	32.3
1976	32.2	33.6	27.3	19.4	26.5	17.0	22.3	32.6	35.9	43.8	28.1
1977	26.1	31.3	29.5	18.7	25.8	25.4	28.0	22.1	32.4	51.6	28.0
1978	33.6	28.0	29.2	18.0	25.2	20.1	20.4	23.7	34.8	44.7	26.9
<b>Delinquent taxes:</b>											
1969	.6	.8	.1	.4	.2		.1	.1	.5	.6	.3
1970	.2								.5		
1971											
1972											
1973											
1974											
1975											
1976											
1977											
1978											
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>											
1969	1.4	1.1	.6	.6	.6	.9	1.0	.8	1.6	3.2	1.0
1970	1.3	1.8	.5	.5	1.7	.9	.5	.8	1.2	2.4	1.6
1971	2.2	1.5	1.2	1.1	.6	1.2	1.4	.7	2.1	4.4	1.4
1972	1.7	1.5	1.0	1.3	1.1	1.5	2.0	.2	2.0	3.6	1.4
1973	2.1	2.4	.9	.9	.8	.8	1.1	.7	3.2	3.0	1.3
1974	.8	1.0	.6	.5	.6	.3	1.7	.9	1.4	2.6	.9
1975	2.2	.6	.8	.7	.9	1.1	1.3	1.7	2.5	5.3	1.3
1976	1.6	1.6	.6	.5	1.4	.4	3.1	2.4	1.8	4.7	1.5
1977	2.8	1.4	.6	1.0	.5	2.5	2.0	1.6	2.3	3.2	1.4
1978	2.0	3.3	1.4	1.7	1.2	2.1	2.0	2.2	2.3	4.3	2.0
<b>Inheritances and gifts:</b>											
1969	3.2	2.5	4.0	5.7	6.2	6.3	3.5	5.9	3.3	3.7	4.6
1970	2.4	3.5	4.5	3.9	5.1	5.6	6.4	4.5	2.8	4.4	4.4
1971	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.3	4.7
1972	1.7	2.1	4.6	4.7	6.2	4.7	5.0	5.9	3.1	4.9	4.4
1973	3.2	2.0	4.5	4.4	5.2	4.5	4.4	4.9	2.2	4.4	4.2
1974	6.2	2.1	5.3	6.0	6.5	6.5	7.6	10.9	3.1	3.7	6.0
1975	5.8	2.6	4.6	3.4	7.2	4.1	5.2	11.0	2.7	3.6	5.4
1976	5.9	2.3	4.7	3.8	6.9	6.5	5.5	11.2	3.5	3.8	5.6
1977	3.8	3.4	6.6	5.0	6.2	7.5	9.9	7.2	5.4	3.6	6.0
1978	4.0	2.1	6.2	4.1	7.9	7.1	5.1	6.5	3.2	3.6	5.4
<b>Administrators and executors' sales:<sup>4</sup></b>											
1969	5.9	7.0	8.4	8.0	7.5	6.9	6.0	7.3	5.0	7.1	7.2
1970	6.3	4.5	7.2	7.4	8.1	7.5	4.1	6.6	5.2	4.3	6.5
1971	6.1	5.7	7.3	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
1972	4.8	5.3	9.2	8.9	8.2	4.5	3.4	7.8	5.7	4.5	6.8
1973	7.5	6.2	10.0	8.3	10.0	6.7	8.1	8.0	3.9	4.5	8.1
1974	6.2	5.3	9.4	9.2	9.2	8.6	11.2	8.0	4.9	7.2	8.3
1975	7.4	7.1	7.6	6.7	7.4	5.3	9.8	8.0	5.1	4.6	7.2
1976	5.3	4.7	8.2	6.5	6.8	5.7	5.4	6.6	4.5	3.8	6.3
1977	6.6	4.4	7.7	7.1	7.6	5.6	9.7	4.6	4.7	4.8	6.5
1978	6.2	4.2	7.0	7.7	8.7	6.8	3.6	5.2	3.3	5.3	6.3
<b>Total, all classes:<sup>5</sup></b>											
1969	46.8	48.8	43.0	37.9	41.6	40.5	40.8	47.2	50.5	60.6	44.8
1970	45.4	49.1	38.6	34.9	38.5	39.9	37.4	40.6	48.2	49.9	41.4
1971	54.1	46.5	39.2	33.9	36.9	47.7	34.6	43.5	45.2	55.5	42.7
1972	48.7	50.5	51.3	42.1	44.5	43.2	34.8	55.9	55.1	61.9	47.9
1973	57.7	54.3	57.2	46.9	52.8	56.0	45.8	60.7	60.3	75.1	55.9
1974	53.2	54.9	60.4	49.3	51.6	48.9	56.8	76.2	64.1	74.1	58.3
1975	49.7	52.1	44.5	34.2	43.6	40.1	47.3	58.6	53.2	72.9	47.8
1976	46.5	42.9	42.1	31.1	42.6	30.0	37.0	55.4	47.1	57.7	42.7
1977	41.8	41.9	45.4	32.7	41.2	41.7	50.0	36.2	47.1	64.8	43.0
1978	47.0	38.7	44.4	32.5	44.1	36.6	32.7	38.9	44.7	60.5	41.7

<sup>1</sup> Years ending Mar. 1 in 1969-75 and Feb. 1 in 1976-78. <sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Includes contracts to purchase, but not options. <sup>4</sup> Includes all other sales in settlement of estates. <sup>5</sup> Includes miscellaneous and unclassified.

Economics, Statistics, and Cooperatives Service—Economics.



Table 613.—Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1963-78

Item	1963	1964	1965	1966	1967	1968	1969	1970
<b>ASSETS</b>								
Physical assets:	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
Real estate.....	150.2	158.6	167.5	179.2	189.1	199.7	209.2	215.8
Non-real-estate:								
Livestock <sup>1</sup> .....	17.3	15.9	14.5	17.6	19.0	18.9	20.2	23.5
Machinery and motor vehicles.....	23.5	23.9	24.8	26.0	27.4	29.8	31.3	32.3
Crops stored on and off farms <sup>2</sup> .....	9.3	9.8	9.2	9.7	10.0	9.6	10.6	10.9
Household furnishings and equipment.....	8.8	8.5	8.4	8.4	8.3	8.5	9.4	9.6
Financial assets:								
Deposits and currency.....	9.2	9.2	9.6	10.0	10.3	10.9	11.5	11.9
United States savings bonds.....	4.4	4.2	4.2	4.0	3.9	3.8	3.8	3.7
Investments in cooperatives.....	5.0	5.4	5.6	5.9	6.2	6.5	6.8	7.2
Total <sup>3</sup> .....	227.7	235.8	243.8	260.8	274.2	288.0	302.8	314.9
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	15.1	16.8	18.9	21.2	23.1	25.1	27.4	29.2
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	2.1	1.9	1.6	1.4	1.2	1.4	2.7	2.7
Other reporting institutions <sup>5</sup> .....	8.5	9.5	10.0	11.1	12.4	13.8	14.6	15.8
Nonreporting creditors <sup>6</sup> .....	5.7	6.2	6.3	7.0	7.4	7.1	8.8	8.3
Total liabilities <sup>7</sup> .....	31.4	34.4	36.8	40.7	44.1	47.4	50.5	53.0
Proprietors' equities.....	196.3	201.4	207.0	220.1	230.1	240.6	252.3	261.9
Total <sup>3</sup> .....	227.7	235.8	243.8	260.8	274.2	288.0	302.8	314.9

  

Item	1971	1972	1973	1974	1975	1976	1977	1978 <sup>7</sup>
<b>ASSETS</b>								
Physical assets:	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
Real estate.....	223.2	239.6	267.3	327.7	388.5	416.9	483.8	525.8
Non-real-estate:								
Livestock <sup>1</sup> .....	23.7	27.8	34.1	42.4	24.6	29.5	29.1	32.0
Machinery and motor vehicles.....	34.4	36.6	39.3	44.2	55.7	65.0	72.3	77.3
Crops stored on and off farms <sup>2</sup> .....	10.7	11.8	14.5	22.1	23.3	31.3	22.0	24.8
Household furnishings and equipment.....	10.0	10.8	11.9	12.3	14.0	14.2	14.4	14.5
Financial assets:								
Deposits and currency.....	12.4	13.2	14.0	14.9	15.1	15.6	16.0	16.3
United States savings bonds.....	3.6	3.7	4.0	4.1	4.3	4.4	4.4	4.4
Investments in cooperatives.....	7.6	8.0	8.6	9.5	10.5	11.7	12.8	14.0
Total <sup>3</sup> .....	325.6	351.0	393.7	477.2	516.0	578.6	654.8	708.9
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	30.3	32.2	35.7	41.3	46.3	51.1	56.6	64.2
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.9	2.3	1.8	.7	.3	.3	1.0	4.5
Other reporting institutions <sup>5</sup> .....	17.4	19.6	22.0	26.2	29.2	33.1	37.8	42.7
Nonreporting creditors <sup>6</sup> .....	4.9	5.0	5.8	5.9	6.0	6.3	7.3	8.3
Total liabilities <sup>7</sup> .....	54.5	59.1	65.3	74.1	81.8	90.8	102.7	119.7
Proprietors' equities.....	271.1	291.9	328.4	403.1	434.2	487.8	552.1	589.2
Total <sup>3</sup> .....	325.6	351.0	393.7	477.2	516.0	578.6	654.8	708.9

<sup>1</sup> Horses and mules are excluded.<sup>2</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.<sup>3</sup> Total of rounded data.<sup>4</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>5</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>6</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 614.—Production assets: Total used in agriculture, United States, Jan. 1, 1963-78

Year	Total <sup>1</sup>	Average		Year	Total <sup>1</sup>	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
	<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1963.....	178.7	26,670	48,406	1971.....	266.3	58,860	90,296
1964.....	185.9	28,527	52,054	1972.....	287.5	64,575	99,088
1965.....	193.6	31,676	55,993	1973.....	322.5	75,721	113,133
1966.....	209.3	37,308	62,358	1974.....	395.4	90,853	140,062
1967.....	221.8	42,526	68,091	1975.....	426.4	96,787	152,539
1968.....	235.9	48,111	73,984	1976.....	484.3	111,151	175,022
1969.....	245.9	51,773	80,078	1977.....	551.8	125,704	201,503
1970.....	247.0	53,797	77,667	1978 <sup>2</sup> .....	597.0	143,272	220,627

<sup>1</sup> Includes farm real estate less value of operators' dwellings; livestock; machinery; motor vehicles less 60 percent of the value of automobiles and 22 percent of the value of farm trucks; one-half of the Jan. 1 inventory value of feed crops (excluding those under CCC loan), hay, and forage stored on farms; and working capital needed to meet farm production expenses.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 615.—Livestock: Number and value, United States, Jan. 1, 1976-78

Class of livestock and poultry	Number			Value					
				Per head <sup>2</sup>			Total		
	1976	1977	1978 <sup>1</sup>	1976	1977	1978 <sup>1</sup>	1976	1977	1978 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle.....	127,080	122,810	116,265	190.00	206.00	232.00	24,335,124	25,251,635	27,028,690
Hogs <sup>3</sup> .....	49,267	54,954	56,656	80.40	47.00	63.10	3,959,380	2,582,568	3,575,425
All sheep.....	12,311	12,766	12,387	37.30	42.40	51.50	496,291	541,945	638,569
Stock sheep.....	11,427	11,035	10,774	(4)	(4)	(4)	(4)	(4)	(4)
Total <sup>4</sup> .....							28,790,775	28,375,548	31,242,594
Chickens <sup>5</sup> .....	379,754	378,238	386,531	1.74	1.70	1.69	659,960	643,511	652,368
Turkey breeder hens <sup>6</sup> .....	3,098	3,064	3,045	10.79	10.83	11.27	33,427	34,106	34,367
Total <sup>7</sup> .....							29,484,162	29,053,165	31,929,169

<sup>1</sup> Preliminary.

<sup>2</sup> Based on reporters' estimates of average price per head in their localities.

<sup>3</sup> Dec. 1 of preceding year.

<sup>4</sup> Discontinued.

<sup>5</sup> Includes cattle, hogs, and all sheep.

<sup>6</sup> Selected States.

<sup>7</sup> Includes all cattle, hogs, sheep, and chickens plus turkey breeder hens in 26 major States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 616.—Farm machinery: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1963-77

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn pickers and picker shellers <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	4,778	4,588	190	167	2,925	940	720	718	307
1964.....	4,786	4,598	188	172	2,970	920	705	734	312
1965.....	4,787	4,601	186	176	3,030	910	690	751	316
1966.....	4,783	4,594	189	182	3,017	888	686	752	316
1967.....	4,786	4,593	193	189	3,009	867	680	748	319
1968.....	4,766	4,570	196	195	3,016	847	672	739	321
1969.....	4,712	4,512	199	199	3,004	820	657	725	314
1970.....	4,619	4,416	203	203	2,984	790	635	708	304
1971.....	4,584	4,391	193	206	2,994	780	630	700	300
1972.....	4,549	4,366	183	209	3,003	725	625	692	298
1973.....	4,518	4,345	173	212	3,012	701	621	684	292
1974.....	4,493	4,329	164	219	3,023	698	618	674	295
1975.....	4,469	4,311	158	222	3,032	524	615	667	255
1976.....	4,434	4,291	153	228	3,043	527	610	641	263
1977 <sup>5</sup> .....	4,402	4,260	142	232	3,052	535	605	615	270

<sup>1</sup> Data for 1975 and thereafter are for self-propelled combines only.<sup>2</sup> Includes cornbenders for combines.<sup>3</sup> Does not include large balers that produce over 200-pound bales.<sup>4</sup> Data for 1975 and thereafter do not include flail-type forage harvesters.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 619

<sup>1</sup> Total population includes Armed Forces overseas.

Economics, Statistics, and Cooperatives Service—Economics, and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 620

<sup>1</sup> Annual average is the straight average of the four quarters during the year. Quarterly multiple frame surveys cover the week of the twelfth of January, April, July, and October.<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.<sup>3</sup> Includes all persons doing farm work for pay during the survey week.<sup>4</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 617.—Farm machines, selected types: Units manufactured in the United States, 1963-76

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Crop driers (heated air)
	Number	Number	Number	Number	Number	Number	Number
1963.....	83,798	4,068	11,674	14,594	54,551	70,344	4,761
1964.....	91,988	2,483	12,550	21,178	46,243	73,022	4,790
1965.....	88,914	3,645	9,732	27,418	52,012	72,545	12,381
1966.....	109,784	2,332	13,353	30,050	58,878	71,099	14,904
1967.....	95,938	2,565	17,777	29,088	61,724	65,691	15,277
1968.....	62,701	1,136	18,568	23,108	53,171	64,705	20,310
1969.....	39,951	1,196	30,141	22,962	23,146	44,627	8,156
1970.....	37,894	961	14,946	16,986	25,857	39,298	7,183
1971.....	44,510	1,016	15,231	14,439	30,451	36,718	13,245
1972.....	44,914	1,137	16,296	16,766	19,180	37,649	16,967
1973.....	39,636	1,315	23,817	19,387	36,133	63,359	23,364
1974.....	60,543	1,066	29,466	25,615	41,450	81,039	24,781
1975.....	56,659	357	35,898	30,178	46,404	61,835	20,806
1976.....	52,711	317	38,292	30,521	40,224	54,614	32,251

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments)	Cotton strippers
	Number	Number	Number	Number	Number	Number	Number
1963.....	37,664	48,257	20,621	59,496	20,451	12,754	3,737
1964.....	42,297	50,975	25,510	37,705	18,495	18,237	2,561
1965.....	41,150	55,590	30,568	38,442	13,355	20,723	1,997
1966.....	45,005	49,212	29,801	46,728	15,232	25,576	1,750
1967.....	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968.....	30,266	33,364	23,646	31,443	13,797	16,616	878
1969.....	17,002	30,939	21,851	24,015	8,576	16,828	1,848
1970.....	16,476	30,476	21,190	21,017	6,818	15,555	766
1971.....	15,863	23,050	18,920	21,229	7,579	20,230	1,483
1972.....	14,126	27,989	20,248	21,172	7,577	20,642	2,266
1973.....	19,436	32,656	26,890	25,241	7,937	24,985	2,591
1974.....	21,010	41,890	25,304	28,644	6,990	29,228	2,612
1975.....	22,591	49,115	22,792	31,289	4,536	26,741	1,361
1976.....	21,896	49,731	22,627	32,011	4,503	25,197	1,115

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo <sup>2</sup> unloaders	Milking machines <sup>3</sup>	Mower-conditioners (combination)
	Number	Number	Number	Number	Number	Number	Number
1963.....	2,043	674	44,202	15,511	15,091	24,000	(4)
1964.....	2,417	748	30,099	12,367	14,760	22,392	(4)
1965.....	1,933	1,088	34,301	9,687	15,234	23,483	(4)
1966.....	1,995	1,785	37,410	10,773	24,569	20,804	(4)
1967.....	1,841	1,699	39,072	7,875	21,568	16,503	15,468
1968.....	1,780	737	35,867	5,818	24,897	13,822	14,532
1969.....	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970.....	1,877	1,118	35,461	5,434	19,155	12,141	24,549
1971.....	2,291	751	29,294	5,377	19,351	12,175	25,455
1972.....	2,218	628	28,961	5,091	20,808	14,043	21,204
1973.....	2,236	746	30,618	6,653	27,424	14,826	29,881
1974.....	2,131	1,183	38,004	7,386	27,822	16,252	27,258
1975.....	2,647	1,273	29,977	9,080	30,288	10,976	35,539
1976.....	1,920	1,328	28,541	4,871	22,001	14,189	33,400

<sup>1</sup> Row cultivators, tractor-drawn or mounted; best or field cultivators not included.<sup>2</sup> Beginning 1969, horizontal silo unloaders not included.<sup>3</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.<sup>4</sup> Not available.

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 618.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1963-76

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weedeers	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	2,080,374	76,840	114,791	111,912	60,195	386,007	131,769	62,820
1964.....	2,261,001	87,945	127,916	129,241	65,188	439,391	134,815	47,774
1965.....	2,618,442	95,597	133,467	140,098	70,641	504,824	145,951	50,450
1966.....	3,024,463	108,919	158,480	160,987	84,315	480,006	169,061	75,471
1967.....	3,190,300	111,540	179,628	169,001	89,443	507,531	155,647	97,567
1968.....	3,082,067	88,572	175,713	146,781	82,372	594,428	136,855	100,415
1969.....	2,918,300	73,846	158,111	155,005	55,500	523,751	138,753	83,974
1970.....	2,875,604	76,164	153,354	161,153	62,428	479,118	151,778	85,386
1971.....	2,996,944	75,974	148,565	156,539	59,629	540,532	147,158	94,219
1972.....	3,681,826	96,810	188,505	196,517	76,920	643,869	190,239	110,899
1973.....	4,455,022	130,635	249,018	244,528	104,196	832,452	256,596	171,890
1974.....	5,950,092	182,301	394,993	354,436	162,786	1,093,207	407,632	254,921
1975.....	7,046,354	250,134	476,274	480,373	227,440	1,253,430	481,334	262,379
1976.....	7,477,720	264,510	483,210	526,309	221,466	1,424,370	473,333	235,050

  

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	893,091	48,196	49,251	27,994	17,333	42,832	(1)	66,643
1964.....	973,995	50,757	47,524	29,720	25,687	40,771	12,556	47,721
1965.....	1,186,733	51,377	50,938	36,983	30,944	44,802	12,715	53,952
1966.....	1,445,017	67,822	55,260	43,022	30,426	61,419	19,158	65,103
1967.....	1,437,317	70,794	55,809	41,866	34,170	62,675	19,802	67,613
1968.....	1,407,706	67,206	53,484	40,067	33,123	47,004	21,023	66,988
1969.....	1,369,232	73,624	57,074	31,949	39,181	63,957	22,946	74,397
1970.....	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971.....	1,395,350	77,116	54,624	38,803	44,871	87,365	17,738	88,753
1972.....	1,700,407	103,793	61,049	51,979	60,543	82,859	25,990	109,447
1973.....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,580
1974.....	2,321,889	186,204	139,287	91,952	80,309	76,184	46,490	167,521
1975.....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976.....	3,005,031	164,447	179,775	89,143	84,853	104,802	57,188	164,256

<sup>1</sup> For 1963, data for "Hog equipment" are included with "Other barn and barnyard equipment."

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 619.—Population: Total and farm, United States, April 1963-77 <sup>1</sup>

Year	Total population <sup>1</sup>	Farm population		Year	Total population <sup>1</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
	Thousands	Thousands	Percent		Thousands	Thousands	Percent
1963.....	188,580	13,367	7.1	1971.....	208,867	9,425	4.6
1964.....	191,245	12,954	6.8	1972.....	208,447	9,610	4.6
1965.....	193,709	12,363	6.4	1973.....	210,034	9,472	4.5
1966.....	195,999	11,595	5.9	1974.....	211,522	9,264	4.4
1967.....	198,205	10,875	5.5	1975.....	213,036	8,864	4.2
1968.....	200,208	10,454	5.3	1976.....	214,765	8,253	3.9
1969.....	202,161	10,307	5.1	1977.....	216,399	7,806	3.6
1970.....	204,335	9,712	4.8				

See footnotes on page 427.

Table 620.—Farm employment: Number of persons employed, by States, 1975-77<sup>1</sup>

State	Total employment			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons
	75	80	80	44	46	44	31	34	36
Region I <sup>4</sup> .....									
N.J.....	21	22	23	10	10	11	11	12	12
N.Y.....	109	114	105	75	82	71	34	32	34
Region II.....	130	136	128	85	92	82	45	44	46
Del.....	6.8	6.4	5.9	4.2	4.0	3.6	2.6	2.4	2.3
Md.....	33	34	32	21	21	20	12	13	12
Pa.....	136	130	124	104	93	100	32	37	34
Va.....	90	89	73	65	57	51	25	32	22
W. Va.....	43.9	40.8	41.7	40	35	38	3.9	5.8	3.7
Region III.....	309.7	300.2	286.6	224.2	210	212.6	75.5	90.2	74
Ala.....	91	94	86	64	69	63	27	25	23
Fla.....	95	92	90	36	31	30	59	61	60
Ga.....	98	95	83	60	60	50	38	35	33
Ky.....	138	144	137	117	114	108	21	30	29
Miss.....	90	96	88	61	62	55	29	34	33
N.C.....	169	185	164	108	110	92	61	78	72
S.C.....	74	58	56	42	34	34	32	24	22
Tenn.....	138	143	131	117	121	107	21	22	24
Region IV.....	893	910	835	605	601	539	288	309	296
Ill.....	163	165	172	129	127	133	34	38	39
Ind.....	134	127	121	107	98	93	27	29	28
Mich.....	110	112	102	83	83	77	27	29	25
Minn.....	198	217	199	156	175	164	42	42	25
Ohio.....	160	162	162	131	130	136	29	32	26
Wis.....	199	198	199	150	152	153	49	46	46
Region V.....	964	981	955	756	765	756	208	216	199
Ark.....	98	96	92	68	68	63	30	28	29
La.....	68	68	57	46	44	37	22	24	20
N. Mex.....	22	24.8	24.8	14	17	17	8.0	7.8	7.8
Okl.....	105	104	96	89	85	75	16	19	21
Tex.....	255	250	249	173	167	166	82	83	83
Region VI.....	548	542.8	518.8	390	381	358	158	161.8	160.8
Iowa.....	213	224	213	176	181	171	37	43	42
Kans.....	103	100	98	82	78	76	21	22	22
Mo.....	204	196	173	177	169	153	27	27	20
Nebr.....	116	117	108	96	97	87	20	20	21
Region VII.....	636	637	592	531	525	487	105	112	105
Colo.....	59	55	54	42	39	36	17	16	18
Mont.....	33	33.3	31.7	22	24	24	11	9.3	7.7
N. Dak.....	57	59	64.3	48	49	56	9.0	10	8.3
S. Dak.....	73	66	70	60	55	60	13	11	10
Utah.....	22.8	22.8	23.3	16	16	17	6.8	6.8	6.3
Wyo.....	16.3	15.8	13.8	9.3	9.8	8.5	6.0	6.0	5.3
Region VIII.....	260.1	251.9	257.1	197.3	192.8	201.5	62.8	59.1	55.6
Ariz.....	22.2	21.6	22.8	7.2	7.6	6.8	15	14	16
Calif.....	311	308	287	71	72	69	240	236	218
Nev.....	5.1	5.4	4.7	2.8	2.8	2.2	2.3	2.6	2.5
Region IX.....	338.3	335.0	314.5	81.0	82.4	78.0	257.3	252.6	236.5
Idaho.....	42	51	45	34	27	25	18	24	30
Oreg.....	63	60	64	37	37	35	26	23	29
Wash.....	83	89	76	41	38	38	42	51	38
Region X.....	188	200	185	102	102	98	86	98	87
U.S.....	4,342.1	4,373.9	4,152.0	3,025.5	2,997.2	2,856.1	1,316.6	1,376.7	1,295.9

See footnotes on page 427.

Table 621.—Farm employment: Average number of persons employed and indexes, United States, 1963-77<sup>1</sup>

Year	Total employment			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>
	1,000 persons			1,000 persons			1,000 persons		
1963.....	6,518	48	133	4,738	47	130	1,780	52	142
1964.....	6,110	45	125	4,506	44	123	1,604	47	128
1965.....	5,610	41	114	4,128	41	113	1,482	44	118
1966.....	5,214	38	106	3,854	38	106	1,360	40	109
1967.....	4,903	36	100	3,650	36	100	1,253	37	100
1968.....	4,748.8	35	97	3,535.4	35	97	1,213.4	35	97
1969.....	4,595.8	34	94	3,419.4	34	94	1,176.4	35	94
1970.....	4,522.6	33	92	3,348.1	33	92	1,174.6	35	94
1971.....	4,436.3	32	90	3,275.1	32	90	1,161.2	34	93
1972.....	4,373.4	32	89	3,227.7	32	88	1,145.7	34	91
1973.....	4,336.7	32	88	3,169.0	31	87	1,167.7	34	93
1974 <sup>1</sup> .....	4,388.9	32	90	3,074.7	30	84	1,314.2	39	105
1975.....	4,342.1	32	89	3,025.5	30	83	1,316.6	39	105
1976.....	4,373.9	32	89	3,097.2	29	82	1,376.7	41	110
1977.....	4,152.0	31	78	2,856.1	28	78	1,295.9	38	103

<sup>1</sup> Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual average is the straight average of the four quarters during the year.

<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup> Includes all persons doing farm work for pay during the survey week.

<sup>4</sup> The 1910-14 base is the arithmetic mean of the annual average of number of persons employed for these five years. The base for 1967 is the annual average number of persons employed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 622.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1963-77<sup>1</sup>

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars	
1963.....	3,597	2,615	983	1,862	158	138	1,087	883
1964.....	3,370	2,398	972	2,001	156	129	1,213	933
1965.....	3,128	2,205	923	1,864	165	137	1,316	1,045
1966.....	2,763	2,051	712	1,634	171	138	1,005	1,188
1967.....	3,078	2,261	817	1,740	172	142	1,761	1,389
1968.....	2,910	2,111	808	1,620	162	135	1,793	1,454
1969.....	2,871	1,907	965	1,466	163	131	1,886	1,406
1970.....	2,488	1,889	599	1,394	170	137	2,044	1,519
1971.....	2,450	1,944	506	1,350	168	135	2,150	1,576
1972.....	2,809	2,100	641	1,679	176	141	2,491	1,877
1973.....	2,671	2,115	555	1,585	188	154	2,942	2,303
1974.....	2,737	2,165	572	1,568	178	145	3,051	2,433
1975.....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	681	1,632	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 621 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.



Table 623.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1963-77<sup>1</sup>

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1963.....	386	318	69	278	127	110	868	657
1964.....	386	290	107	272	155	120	1,581	1,083
1965.....	466	334	132	300	149	122	1,474	1,182
1966.....	351	249	104	275	160	121	1,779	1,307
1967.....	276	204	71	194	145	117	1,555	1,266
1968.....	270	205	74	176	148	120	1,711	1,385
1969.....	287	201	85	172	152	113	1,937	1,293
1970.....	196	161	35	135	148	123	2,007	1,697
1971.....	172	142	30	117	142	111	1,830	1,407
1972.....	184	133	51	138	158	124	2,434	1,814
1973.....	203	170	34	146	177	138	2,873	2,276
1974.....	209	179	30	141	149	111	3,102	2,423
1975.....	188	143	45	143	170	122	3,822	2,586
1976.....	213	153	60	147	166	114	3,709	2,551
1977.....	191	152	38	152	165	120	3,832	2,785

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at sometime during the year. Migratory workers are those who leave their homes temporarily to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 624.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1963-77<sup>1</sup>

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	Thousands	Days	Dollars		Thousands	Days	Dollars
1963.....	1,362	153	971	1971.....	929	156	1,843
1964.....	1,371	147	1,035	1972.....	1,109	181	2,183
1965.....	1,284	155	1,208	1973.....	1,072	175	2,645
1966.....	1,067	159	1,374	1974.....	1,073	166	2,814
1967.....	1,213	204	1,992	1975.....	972	177	3,082
1968.....	1,105	154	1,659	1976.....	1,068	160	3,176
1969.....	989	149	1,629	1977.....	1,133	170	3,502
1970.....	925	157	1,685				

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 621 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 625.—Farm wage rates: Equivalent hourly rates<sup>1</sup> by method of pay and wage index, United States, 1974-77

Year	All hired farm workers	Method of pay					All hired farm workers wage index (1967 = 100)
		By piece rate	By other than piece rate	By hour only <sup>2</sup>	By cash wages only <sup>3</sup>	By hour receiving cash wages only <sup>4</sup>	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1974.....	2.25	2.58	2.21	2.23	2.43	2.32	173
1975.....	2.43	2.96	2.38	2.39	2.60	2.45	190
1976.....	2.66	3.14	2.61	2.60	2.81	2.65	208
1977.....	2.87	3.48	2.82	2.84	3.08	2.90	225

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked.<sup>2</sup> Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.<sup>3</sup> Includes all workers not receiving perquisites.<sup>4</sup> Includes all hourly workers not receiving perquisites.

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Table 626.—Farm wage rates: Equivalent hourly rates<sup>1</sup> by type of work, United States, 1974-77

Year	Type of work performed					
	Field and livestock workers	Packinghouse workers <sup>2</sup>	Machine operators	Maintenance and bookkeeping workers	Supervisors	Other agricultural workers
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1974.....	2.08	2.41	2.25	2.85	3.77	2.40
1975.....	2.26	2.52	2.50	3.15	4.90	2.78
1976.....	2.47	2.80	2.72	3.45	4.39	3.11
1977.....	2.65	2.97	2.92	(*)	4.63	3.37

<sup>1</sup> Rates are annual averages of quarterly wage rates weighted by numbers of hours worked.<sup>2</sup> Packinghouse operations performed on farms.<sup>3</sup> Included in "Other agricultural workers."

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## FOOTNOTES FOR TABLE 627

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked.<sup>2</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.<sup>3</sup> Includes all hourly workers not receiving perquisites.

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Table 627.—Farm wage rates: Equivalent hourly rates,<sup>1</sup> by States, standard Federal regions, and United States, 1975-77

State and region	Field and livestock workers			Workers paid by hour receiving cash wages only <sup>2</sup>			All hired farm workers		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Region I <sup>3</sup> .....	2.21	2.33	2.38	2.51	2.67	2.70	2.41	2.50	2.65
N.J.....	2.43	2.53	2.64	2.65	2.63	2.87	2.78	2.69	2.83
N.Y.....	2.08	2.26	2.36	2.60	2.52	2.68	2.28	2.45	2.55
Region II.....	2.14	2.33	2.43	2.63	2.55	2.73	2.40	2.52	2.61
Del.....	2.25	2.46	2.62	2.43	2.60	2.88	2.45	2.64	2.77
Md.....	1.96	2.10	2.42	2.37	2.72	3.00	2.24	2.42	2.76
Pa.....	2.15	2.28	2.46	2.58	2.76	2.96	2.31	2.53	2.70
Va.....	2.02	2.18	2.25	2.26	2.43	2.49	2.15	2.39	2.41
W. Va.....	1.98	1.98	2.03	2.00	2.23	2.31	2.13	2.24	2.19
Region III.....	2.07	2.20	2.38	2.43	2.62	2.81	2.24	2.45	2.61
Ala.....	1.86	2.15	2.26	2.12	2.37	2.40	2.23	2.45	2.54
Fla.....	2.59	2.75	2.96	2.82	2.73	2.87	2.82	3.08	3.23
Ga.....	1.97	2.10	2.32	2.00	2.42	2.44	2.13	2.28	2.48
Ky.....	1.83	2.15	2.36	2.32	2.18	2.46	1.93	2.20	2.45
Miss.....	1.92	1.98	2.33	2.08	2.24	2.52	2.13	2.32	2.54
N.C.....	1.97	2.18	2.30	2.04	2.20	2.42	2.03	2.25	2.47
S.C.....	1.87	2.04	2.24	1.92	2.20	2.34	2.05	2.25	2.43
Tenn.....	1.89	2.14	2.48	2.19	2.31	2.53	2.08	2.23	2.61
Region IV.....	2.06	2.25	2.48	2.18	2.37	2.57	2.24	2.43	2.68
Ill.....	2.23	2.37	2.66	2.54	2.76	2.90	2.37	2.56	2.86
Ind.....	2.22	2.37	2.53	2.34	2.75	2.72	2.39	2.75	2.73
Mich.....	2.32	2.32	2.53	2.35	2.56	2.99	2.47	2.54	2.84
Minn.....	1.97	2.41	2.37	2.71	2.94	3.04	2.27	2.68	2.72
Ohio.....	2.15	2.50	2.44	2.43	2.68	2.69	2.34	2.65	2.71
Wis.....	2.06	2.20	2.24	2.52	2.56	2.78	2.25	2.45	2.44
Region V.....	2.14	2.35	2.43	2.48	2.70	2.84	2.34	2.60	2.69
Ark.....	2.01	2.21	2.50	2.09	2.31	2.60	2.19	2.44	2.65
La.....	2.13	2.14	2.48	2.27	2.40	2.66	2.37	2.40	2.73
N. Mex.....	1.88	2.07	2.14	1.96	2.32	2.24	2.15	2.31	2.38
Okl.....	2.29	2.21	2.45	2.21	2.40	2.77	2.42	2.36	2.69
Tex.....	2.04	2.23	2.34	2.01	2.30	2.66	2.15	2.42	2.62
Region VI.....	2.06	2.20	2.37	2.08	2.33	2.64	2.21	2.41	2.63
Iowa.....	2.26	2.54	2.61	2.38	2.66	2.84	2.42	2.64	2.82
Kans.....	2.58	2.80	2.90	2.67	2.71	2.96	2.67	2.92	3.05
Mo.....	2.23	2.38	2.48	2.15	2.58	2.56	2.26	2.48	2.59
Nebr.....	2.09	2.41	2.56	2.21	2.60	2.77	2.15	2.54	2.73
Region VII.....	2.26	2.54	2.62	2.37	2.65	2.79	2.37	2.64	2.81
Colo.....	2.14	2.58	2.66	2.41	2.64	2.71	2.51	2.79	2.83
Mont.....	2.02	2.16	2.21	2.50	2.68	2.88	2.15	2.28	2.28
N. Dak.....	2.46	2.70	2.93	2.79	3.29	3.34	2.69	2.99	3.08
S. Dak.....	2.06	2.16	2.19	2.22	2.26	2.66	2.13	2.25	2.35
Utah.....	2.29	2.21	2.53	2.34	2.35	2.76	2.26	2.38	2.66
Wyo.....	2.08	1.97	2.12	2.64	2.74	3.03	2.19	2.14	2.41
Region VIII.....	2.15	2.28	2.46	2.46	2.60	2.85	2.35	2.53	2.64
Ariz.....	2.26	2.39	2.65	2.33	2.74	2.69	2.48	2.66	2.93
Calif.....	2.70	3.00	3.36	2.73	3.02	3.33	2.91	3.20	3.53
Nev.....	2.04	2.18	2.18	2.71	2.70	2.96	2.33	2.36	2.37
Region IX.....	2.68	2.97	3.21	2.71	3.01	3.30	2.88	3.16	3.47
Idaho.....	2.46	2.74	2.77	2.62	2.77	2.88	2.60	2.87	2.90
Oreg.....	2.28	2.50	2.65	2.56	2.82	2.93	2.54	2.83	2.85
Wash.....	2.85	3.05	3.33	2.84	2.95	3.21	2.93	3.16	3.44
Region X.....	2.59	2.86	2.96	2.72	2.87	3.03	2.75	3.01	3.13
U.S.....	2.36	2.47	2.65	2.45	2.65	2.90	2.43	2.66	2.87

See footnotes on page 433.

Table 628.—Crops: Area, yield, production, and value, United States, 1975-77

Crop	Area harvested			Yield per harvested acre			Production			Value of production		
	1975	1976	1977*	1975	1976	1977*	1975	1976	1977*	1975	1976	1977*
	1,000 acres	1,000 acres	1,000 acres	Unit	Unit	Unit	Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
Corn for grain	67,505	71,300	70,008	Bushel	80.3	87.9	5,828,901	117,813	116,540	14,789,308	13,471,706	12,886,621
Corn for forage	9,560	11,556	11,293	do	11.8	10.4	115,708	1,432,459	2,025,793	7,834,981	8,981,448	4,677,339
Corn for silage	8,012	11,212	9,293	Bushel	30.6	30.3	2,122,459	1,550,923	2,025,793	6,531,996	4,397,258	4,677,339
Wheat, all	48,307	49,460	48,419	do	32.0	31.5	1,640,396	1,550,923	1,526,713	5,251,996	4,397,258	4,397,258
Wheat, hard	4,680	4,584	4,025	do	26.4	26.4	123,382	134,914	134,914	437,531	199,381	1,033,802
Wheat, soft	13,404	16,727	14,772	do	26.8	26.8	358,701	546,315	747,914	926,393	845,186	853,434
Oats	13,092	11,946	13,447	do	40.0	40.0	537,418	372,461	415,803	894,729	829,716	746,190
Barley	8,830	8,297	19,890	do	21.9	20.7	188,374	374,266	415,803	37,491	37,199	35,440
Rye	1,729	1,585	1,414	do	10.3	7.9	15,953	7,820	16,106	102,132	85,477	89,539
Flaxseed	2,118	2,490	2,249	Cwt.	4,558	4,663	128,437	115,648	99,223	1,071,224	811,753	688,136
Sorghum for grain	15,335	14,723	14,065	Bushel	2,420	2,925	543,068	607,832	409,030	46,196	46,196	46,196
Sorghum for forage	7,782	7,772	8,588	do	46.0	48.9	783,046	719,517	780,947	1,776,023	1,480,085	1,357,263
Sorghum for silage	8,796.0	10,913.5	13,279.3	do	4.83	6.03	7,439	10,560.6	14,380.2	2,043,678	3,284,954	3,568,062
Cotton lint	61,324	60,311	60,483	Ton	1.99	2.16	132,210	132,210	129,006	6,449,148	6,425,411	6,390,131
Cottonseed	1,466.1	1,499.3	1,262.9	Cwt.	1,190	1,190	1,262.9	1,262.9	1,262.9	350,998	350,998	350,998
Hay, all	1,585.5	1,585.5	1,585.5	do	1,440	1,440	2,731	2,731	2,731	7,817,594	7,817,594	7,817,594
Hay, dry edible	83,579	40,358	57,911	Bushel	28.9	26.1	1,947,353	1,250,800	1,250,800	7,817,594	7,817,594	7,817,594
Hay, wet edible	1,504.0	1,521.5	1,516.4	do	2,465	2,465	3,722,254	3,722,254	3,722,254	7,817,594	7,817,594	7,817,594
Peas for sale	1,284.0	1,374.5	1,349.0	Cwt.	111	111	13,225	13,225	13,225	1,444,606	1,282,856	1,275,261
Potatoes	116.9	117.5	112.5	Cwt.	113	113	13,225	13,225	13,225	1,444,606	1,282,856	1,275,261
Sweetpotatoes	1,086.4	1,044.5	957.7	do	16,000	16,000	16,702	7,502	7,502	113,394	100,059	119,289
Taro	1,086.4	1,044.5	957.7	do	16,000	16,000	16,702	7,502	7,502	113,394	100,059	119,289
Rubbers	774.0	747.0	758.2	do	36.6	36.5	28,125	28,125	28,125	2,338,002	2,338,002	2,338,002
Beans for sugar and seed	1,516.6	1,478.8	1,317.8	do	10.6	10.6	28,125	28,125	28,125	2,338,002	2,338,002	2,338,002
Soybeans	32.1	30.9	30.5	do	1,442	1,442	45,313	45,313	45,313	46,419	46,419	46,419
Maple syrup	32.1	30.9	30.5	Gallon	1,442	1,442	45,313	45,313	45,313	46,419	46,419	46,419
Seed crops:												
Alfalfa	342.0	350.0	392.8	Pound	267	231	91,408	80,748	96,065	62,284	81,850	103,318
Medicinal herbs	35.0	347.0	347.0	do	107	102	36,414	35,391	24,877	17,860	21,714	17,860
Other K. legumes	8.4	3.8	2.8	do	273	261	283	36,578	32,781	10,082	10,485	15,567
Other K. legumes	8.4	3.8	2.8	do	273	261	283	36,578	32,781	10,082	10,485	15,567
Lodino clover	11.0	11.6	12.0	do	390	390	275	15,062	15,062	4,560	4,449	3,300
Lespedeza	68.6	57.4	52.3	do	210	190	205	15,062	15,062	4,560	4,449	3,300
Timothy	78.4	73.0	65.1	do	185	185	14,085	12,932	12,932	4,739	4,792	4,634
Oatgrass	25.0	25.0	25.0	do	57	57	464	14,208	12,932	2,080	3,080	6,132
Tall fescue (Ky. 31 Alta)	481.5	370.5	466.0	do	273	230	235	123,120	107,005	16,790	17,000	24,965

See footnotes at end of table.

Table 628.—Crops: Area, yield, production, and value, United States, 1975-77—Continued

Crop	Area harvested			Yield per harvested acre			Production			Value of production		
	1975	1976	1977 *	1975	1976	1977 *	1975	1976	1977 *	1975	1976	1977 *
	1,000 acres	1,000 acres	1,000 acres	Unit			Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
Seed crops—Continued												
Chickpea ficue.....	11.5	9.5	11.5	Pound	500	570	5,750	5,415	6,325	1,405	2,325	3,250
Fava beans.....	14.0	13.0	12.0	do.	480	510	6,780	6,630	6,000	1,680	2,785	3,120
Broad beans.....	20.5	19.0	17.0	do.	380	350	7,790	6,650	6,800	3,428	5,254	5,984
Crimson clover.....	6.7	11.5	11.5	do.	335	320	2,247	3,680	3,795	1,344	1,906	1,214
Hairy vetch.....	28.4	27.0	30.5	do.	243	251	6,880	6,765	8,235	1,656	2,100	2,224
All ryegrass.....	180.0	166.0	180.0	do.	1,260	1,180	228,800	195,940	270,800	26,823	30,700	36,385
Apples, commercial crop.....				do.			7,102,800	6,812,400	6,800,300	487,154	557,381	605,132
Peaches.....				do.			2,045,500	2,642,400	2,860,200	275,568	353,923	385,222
Pears.....				do.			2,045,500	2,642,400	2,860,200	275,568	353,923	385,222
Cherries.....				do.			4,365	4,063	4,260	105,990	102,068	114,233
Apricots.....				do.			4,365	4,063	4,260	618,178	633,571	628,045
Plums (California).....				do.			270	241	254	88,572	104,280	135,447
Plums, dried (California).....				do.			176	193	142	37,600	23,703	29,765
Prunes and plums, fresh basis (excluding California).....				do.			124	115	157	34,896	43,700	49,141
Dates.....				do.			149	148	157	96,898	90,776	79,330
Figs <sup>1</sup> .....				do.			72	74	58	8,097	9,046	9,247
Nuts.....				do.			35	32	42	7,524	5,778	11,081
Olives.....				do.			111	138	150	30,525	31,360	30,450
Dates.....				do.			67	80	43	22,512	26,400	15,566
Avocado <sup>10</sup> .....				do.			25	22	25	7,390	7,780	8,585
Bananas.....				do.			87	141	109	72,161	79,431	75,533
Bushberries.....				Pound	9,800	9,100	6,200	5,030	5,800	13,556	17,435	28,533
Pawpaws.....				do.	5,180	5,218	52,672	57,555	63,548	5,688	6,124	7,568
Pineapples.....				do.	21,700	25,900	39,891	56,057	63,548	5,688	6,124	7,568
Peanut oil.....				do.			2	0	0	1,220	1,920	1,920
Peanut meal.....				do.			9	9	10	1,220	1,920	1,920
Soybeans.....				do.			2,075	2,407	2,102	27,112	32,424	28,507
Soybean oil.....				do.			5,432	5,713	5,713	105,340	127,291	214,947
Soybean meal.....				do.			237,810	242,780	244,250	655,750	675,717	648,352
Oranges <sup>11</sup> .....				Box	61,610	70,080	81,610	70,080	74,500	184,439	184,439	184,439
Lemons <sup>11</sup> .....				Box	29,400	17,620	29,400	29,400	29,400	18,323	18,323	18,323
Limes <sup>11</sup> .....				Box	5,360	5,360	5,360	5,360	5,360	8,323	8,323	8,323
Grapefruit <sup>11</sup> .....				Box	4,700	5,500	4,700	5,500	4,900	23,618	23,618	23,618
Tangerines.....				Box	5,300	5,500	5,300	5,500	4,900	12,361	13,860	9,096
Tangelos.....				Box	5,300	5,500	5,300	5,500	4,900	12,361	13,860	9,096
Tomatoes.....				do.			246,800	103,100	235,600	96,200	83,983	136,450
Peas.....				do.			199	184	163	90,795	81,165	126,555
Walnuts.....				do.			160	233	12	118,400	189,730	258,405
Almonds.....				do.			18	12	12	5,754	7,007	8,035
Pistachios.....				do.			18,310	18,097	19,065	5,754	7,007	8,035
Macadamia nuts.....				do.			1,560	2,130	2,250	1,399	3,925	2,558
Coffee.....				do.			1,130	1,130	1,130	1,130	1,130	1,130

[illegible]

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.

- <sup>1</sup> Preliminary.  
<sup>2</sup> Includes area seeded in preceding fall.  
<sup>3</sup> Area seeded in preceding fall.  
<sup>4</sup> Yield in pounds.  
<sup>5</sup> Clean basis.  
<sup>6</sup> Does not include Hawaii.  
<sup>7</sup> Includes sirup later made into sugar. Does not include production on uniform lands in Somerset county, Maine.



Table 629.—Crops: Area, United States, 1963-77

Year	Principal crops			Field seeds, harvested area <sup>1</sup>	Commercial vegetables, harvested area <sup>2</sup>	Fruits and planted nuts, bearing area <sup>3</sup>	
	Harvested area						Planted area total <sup>4</sup>
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	
1963.....	105,097	48,865	286,787	299,196	2,942.6	3,307.9	2,785.8
1964.....	97,147	53,244	287,202	298,484	2,777.1	3,273.5	2,798.1
1965.....	96,109	52,826	287,758	297,215	2,406.0	3,286.9	2,837.0
1966.....	97,942	52,856	283,511	293,062	2,414.0	3,417.3	2,870.1
1967.....	101,022	61,386	295,447	305,781	1,871.7	3,567.5	2,928.6
1968.....	97,310	58,114	289,668	299,384	1,861.2	3,637.1	2,983.8
1969.....	95,539	50,565	280,586	291,183	1,845.1	3,329.4	3,080.1
1970.....	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971.....	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972.....	93,780	60,171	282,976	294,609	1,608.4	3,232.6	3,139.5
1973.....	101,908	57,273	310,241	318,062	1,770.1	3,363.6	3,183.5
1974.....	99,752	65,663	316,340	326,495	1,714.0	3,333.4	3,246.9
1975.....	104,482	72,938	324,202	332,366	1,588.3	3,413.4	3,412.4
1976.....	106,296	73,972	325,517	336,286	1,485.4	3,165.0	3,372.6
1977.....	107,008	69,159	331,338	343,129	1,513.3	3,183.6	3,399.5

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain.<sup>2</sup> Wheat, rye, and rice.<sup>3</sup> Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower seed (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets.<sup>4</sup> Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower seed (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane.<sup>5</sup> Includes alfalfa, red clover, ladino clover, lespedeza, timothy, orchardgrass, merion Ky. bluegrass, chewing fescue, red fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass.<sup>6</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.<sup>7</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lime, and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, nectarines, figs, olives, avocados, dates, persimmons, and pomegranates; nuts—walnuts, almonds, and filberts.

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Table 630.—Harvested crops: Area required for specified purposes, United States, 1963-77

Year	Crops har- vested <sup>1</sup>	Area used for producing—				Total popu- lation July 1 <sup>4</sup>	Year	Crops har- vested <sup>1</sup>	Area used for producing—				Total popu- lation July 1 <sup>4</sup>
		Ex- port prod- ucts <sup>2</sup>	Products for domestic use <sup>3</sup>		Ex- port prod- ucts <sup>2</sup>				Products for domestic use <sup>3</sup>				
			Total	Per capita					Total	Per capita			
	Million acres	Million acres	Million acres	Acres	Mili- ons		Million acres	Million acres	Million acres	Acres	Mili- ons		
1963.....	298	77	221	1.17	189	1971.....	305	62	243	1.17	207		
1964.....	298	74	224	1.17	192	1972.....	294	91	203	1.07	209		
1965.....	298	76	222	1.14	194	1973.....	321	96	225	1.07	210		
1966.....	294	69	225	1.14	197	1974.....	328	99	229	1.08	212		
1967.....	306	69	237	1.19	199	1975.....	336	100	236	1.10	214		
1968.....	300	54	246	1.22	201	1976.....	337	102	235	1.09	215		
1969.....	290	61	229	1.13	203	1977 <sup>5</sup> .....	343	107	236	1.09	217		
1970.....	283	72	221	1.08	205								

<sup>1</sup> Area in principal crops harvested as reported by The Crop Reporting Board, ESCS, plus area in vegetables, fruits, tree nuts, and farm gardens.<sup>2</sup> Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are re-exported.<sup>3</sup> Includes feed used by horses and mules.<sup>4</sup> Includes persons in our military forces in this country and abroad.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 631.—Livestock and livestock products: Production and value, United States, 1975-77

Product	Production <sup>1</sup>			Value of production		
	1975	1976	1977 <sup>2</sup>	1975	1976	1977 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Cattle and calves.....	40,878,134	41,368,299	40,895,458	12,800,056	13,815,232	14,025,653
Sheep and lambs.....	781,120	732,765	698,428	305,425	314,919	319,991
Hogs.....	16,798,843	18,110,651	19,372,185	7,750,949	7,844,358	7,633,879
Chickens <sup>3</sup> .....	12,162,527	13,624,415	14,182,369	3,019,636	3,097,880	3,212,392
Turkeys <sup>4</sup> .....	2,277,754	2,608,321	2,547,798	793,626	824,539	905,199
Milk.....	115,334,000	120,269,000	122,957,000	10,192,739	11,714,591	12,051,485
Wool (shorn).....	118,625	110,817	106,927	53,505	73,148	77,010
Mohair <sup>5</sup> .....	5,800	8,100	8,000	15,910	24,057	22,990
Eggs.....	Thousands 64,626,000	Thousands 64,511,000	Thousands 64,540,000	2,819,275	3,133,472	2,993,563

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup> Texas only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 632.—Total farm commodities: Supply-utilization index by components, United States, 1963-77 <sup>1</sup>

[1967 = 100]

Year	Supply			Utilization					
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>	Total annual net utilization	Domestic use			Exports and ship- ments <sup>4</sup>	
					Food		Net nonfood <sup>5</sup>		Total
					Civilian	Military <sup>6</sup>			
1963.....	93.3	102.0	106.7	93.4	93.2	72.8	94.7	96.5	
1964.....	93.9	93.3	106.7	97.7	95.3	80.3	100.2	95.6	
1965.....	97.8	92.8	104.2	96.8	95.2	90.3	103.2	96.1	
1966.....	94.2	101.1	106.7	99.4	96.9	96.2	107.0	98.1	
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1968.....	101.2	111.1	101.6	102.0	102.5	97.9	101.0	102.2	
1969.....	101.3	100.7	103.7	101.4	104.4	83.5	96.5	103.1	
1970.....	99.5	102.7	105.1	103.9	105.9	70.3	90.0	103.4	
1971.....	107.6	106.2	99.2	105.9	105.3	62.5	90.5	105.4	
1972.....	106.2	114.9	103.7	108.9	109.9	49.9	86.0	106.0	
1973.....	109.0	113.3	102.3	112.5	106.9	39.0	89.0	103.5	
1974.....	107.0	102.6	98.6	111.1	109.3	34.7	81.6	104.7	
1975.....	117.6	108.4	92.0	111.7	109.9	40.4	78.3	104.9	
1976.....	120.3	115.4	102.6	117.6	114.6	35.8	86.3	109.8	
1977 <sup>7</sup> .....	122.0	115.6	108.4	118.0	115.0	33.5	86.3	110.0	

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products.

<sup>2</sup> Includes shipments from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Derived by applying annual changes to January 1961 level to avoid inconsistent coverage.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

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Table 633.—Total farm commodities: Supply-utilization components as a percentage of total annual net utilization, United States, 1963-77<sup>1</sup>

Year	Supply			Total annual net utilization	Utilization				
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>		Domestic				Exports and shipments <sup>4</sup>
					Food		Net nonfood <sup>5</sup>	Total	
					Civilian	Military <sup>6</sup>			
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963.....	89.7	12.1	-1.8	100.0	74.6	1.3	10.0	85.9	14.1
1964.....	86.4	10.5	3.1	100.0	72.8	1.4	10.2	84.4	15.6
1965.....	90.9	10.5	-1.4	100.0	73.5	1.6	10.6	85.7	14.3
1966.....	85.1	11.2	3.7	100.0	72.6	1.6	10.7	85.1	14.9
1967.....	89.9	11.0	-.9	100.0	74.6	1.7	10.0	86.3	13.7
1968.....	89.2	12.0	-1.2	100.0	75.0	1.6	9.9	86.5	13.5
1969.....	89.8	10.9	-.7	100.0	76.8	1.4	9.5	87.7	12.3
1970.....	86.0	10.9	3.1	100.0	76.1	1.1	8.6	85.8	14.2
1971.....	91.3	11.0	-2.3	100.0	76.3	1.0	8.5	85.8	14.2
1972.....	87.7	11.6	-.7	100.0	75.3	-.8	7.9	84.0	16.0
1973.....	87.1	11.1	1.8	100.0	70.9	-.6	7.9	79.4	20.6
1974.....	86.6	10.1	3.3	100.0	73.5	-.3	7.3	81.3	18.7
1975.....	94.5	10.7	-5.2	100.0	73.4	-.6	7.0	81.0	19.0
1976.....	91.9	10.8	-2.7	100.0	72.8	-.5	7.3	80.6	19.4
1977 <sup>7</sup> .....	92.9	10.6	-3.5	100.0	72.7	-.5	7.3	80.5	19.5

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products.

<sup>2</sup> Includes inshipment from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Data represent stock changes. Negatives indicate stock increases; positives signify withdrawals.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 634.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1963-77

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1963.....	96	1968.....	102	1973.....	111
1964.....	95	1969.....	103	1974.....	108
1965.....	100	1970.....	102	1975.....	115
1966.....	97	1971.....	111	1976.....	116
1967.....	100	1972.....	110	1977 <sup>2</sup> .....	119

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 636 by the index of total input in table 635.

<sup>2</sup> Preliminary.

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## FOOTNOTES FOR TABLE 638

<sup>1</sup> Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 675. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 635.—Total farm input: Index numbers of farm input by major subgroups, United States, 1963-77

[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agri-cultural chemicals <sup>1</sup>	Feed, seed, and live-stock pur-chases <sup>2</sup>	Taxes and interest	Miscella-neous
1963.....	100	129	100	93	65	90	98	109
1964.....	100	122	100	93	71	92	99	113
1965.....	98	110	99	94	75	93	100	109
1966.....	98	103	99	96	85	97	100	104
1967.....	100	100	100	100	100	100	100	100
1968.....	100	97	99	101	105	97	101	106
1969.....	99	93	98	101	111	101	100	105
1970.....	99	90	96	100	115	104	100	109
1971.....	100	89	96	102	124	111	99	108
1972.....	100	85	95	101	131	113	100	115
1973.....	101	85	94	105	136	116	100	111
1974.....	101	83	93	100	140	107	101	110
1975.....	100	80	93	112	127	100	101	104
1976.....	101	78	94	113	141	107	100	116
1977 <sup>3</sup> .....	102	78	94	114	146	109	101	113

<sup>1</sup> Includes fertilizer, lime, and pesticides.<sup>2</sup> Nonfarm portion of feed, seed, and livestock purchases.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 636.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1963-77

[1967 = 100]

Year	Farm output	Livestock and products <sup>1</sup>				Crops									
		All livestock and products <sup>1</sup>	Meat animals <sup>2</sup>	Dairy products <sup>3</sup>	Poultry and eggs <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton	Tobacco	Oil crops <sup>13</sup>
1963.....	96	95	95	102	84	96	86	93	77	92	96	110	211	110	81
1964.....	95	97	97	104	87	93	75	94	86	89	97	112	209	112	81
1965.....	98	95	92	104	90	99	88	98	88	96	100	100	205	94	95
1966.....	95	97	96	101	96	95	89	97	88	97	98	100	130	96	97
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	102	100	101	99	98	103	95	99	106	104	98	113	148	87	114
1969.....	102	101	102	98	100	104	99	100	98	101	116	118	137	91	110
1970.....	101	103	108	99	105	100	89	100	91	98	110	114	139	97	117
1971.....	110	106	109	101	106	112	116	105	107	98	118	116	145	86	121
1972.....	110	107	109	102	109	113	112	104	102	99	106	127	187	88	131
1973.....	112	105	108	98	106	119	115	109	114	100	126	112	175	85	155
1974.....	106	106	110	99	106	110	93	104	120	102	128	104	158	101	127
1975.....	114	101	102	98	103	121	114	108	142	101	137	136	112	110	153
1976.....	117	105	105	103	110	121	120	122	141	102	136	128	142	108	132
1977 <sup>14</sup> .....	121	106	105	105	112	129	124	108	131	102	139	117	195	98	171

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded. <sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. <sup>3</sup> Cattle and calves, sheep and lambs, and hogs.<sup>4</sup> Butter, butterfat, whole milk, retail milk, and milk consumed on farms. <sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>6</sup> Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. Farm gardens included through 1964.<sup>7</sup> Corn for grain, oats, barley, and sorghum grain. <sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage.<sup>9</sup> All wheat, rye, buckwheat, and rice. <sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.<sup>11</sup> Fruits, berries, and tree nuts having value. <sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup.<sup>13</sup> Soybeans, peanuts harvested for nuts, cottonseed, flaxseed, and tung nuts. <sup>14</sup> Preliminary.

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Table 637.—Farm output: Index numbers by farming regions,<sup>1</sup> 1963-77

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1963.....	97	100	92	89	103	92	103	100	93	99	96
1964.....	97	98	89	90	103	89	107	102	92	103	95
1965.....	100	97	94	94	98	95	107	112	96	102	98
1966.....	92	98	83	96	95	96	99	100	95	103	95
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	95	103	98	104	98	92	113	112	104	108	102
1969.....	97	100	97	100	100	98	108	105	106	109	102
1970.....	99	102	92	102	101	98	114	108	107	109	101
1971.....	101	111	108	122	104	111	119	100	111	112	110
1972.....	90	107	105	121	105	108	123	118	110	116	110
1973.....	92	110	104	125	107	111	118	132	110	120	112
1974.....	97	103	92	107	108	118	115	110	111	128	106
1975.....	97	108	109	115	112	119	113	123	117	136	114
1976.....	101	105	113	113	119	125	122	127	122	140	117
1977 <sup>2</sup> .....	98	129	116	126	111	112	129	141	113	134	121

<sup>1</sup> For States included in regions, see footnote 1, table 675. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 638.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1963-77

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1963.....	106	100	95	99	96	101	88	110	100	100	99
1964.....	105	100	95	98	95	99	90	108	99	101	98
1965.....	102	99	95	99	96	92	92	108	101	100	99
1966.....	102	97	96	99	95	92	91	101	99	99	98
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	95	98	95	98	96	99	108	103	100	100	98
1969.....	91	92	93	100	94	96	107	107	102	97	98
1970.....	94	93	94	99	95	98	110	100	102	99	98
1971.....	95	99	99	100	103	104	110	97	101	99	100
1972.....	92	94	96	99	99	101	110	94	103	102	98
1973.....	94	103	104	102	104	106	111	109	102	101	103
1974.....	97	106	108	103	108	111	113	111	105	106	106
1975.....	97	108	109	104	111	115	116	112	105	108	108
1976.....	98	111	110	105	113	117	124	108	106	109	109
1977 <sup>2</sup> .....	99	113	112	107	117	123	128	113	106	105	111

See footnotes on page 440.

Table 639.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1963-77

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1963.....	86	96	93	89	112	95	130	93	95	100	97
1964.....	87	90	86	88	113	91	131	97	93	105	95
1965.....	93	93	97	97	104	101	123	113	97	103	100
1966.....	85	102	96	98	98	89	110	100	96	107	97
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	97	108	104	109	95	88	110	116	104	111	105
1969.....	103	113	108	117	105	97	103	99	105	114	106
1970.....	102	111	96	103	103	96	108	107	104	111	102
1971.....	102	116	115	130	98	105	110	96	108	115	112
1972.....	87	120	118	131	104	105	115	122	107	116	115
1973.....	96	117	110	135	102	105	111	133	111	124	116
1974.....	100	103	89	106	99	108	101	95	111	129	104
1975.....	98	109	112	119	103	104	99	109	113	132	112
1976.....	97	94	110	111	104	105	96	118	119	133	111
1977 <sup>2</sup> .....	93	130	113	132	92	86	103	134	114	135	115

See footnotes on page 445.

Table 640.—Labor: Indexes of farm production per hour, by farming regions, 1963-77<sup>1</sup>  
 (1967 = 100)

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1963.....	78	80	75	79	76	75	74	79	75	85	77
1964.....	82	82	77	83	82	79	82	85	77	90	81
1965.....	88	87	88	91	86	90	90	98	89	96	89
1966.....	88	94	91	96	89	87	94	100	93	97	92
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	101	108	104	106	103	99	114	114	104	106	106
1969.....	110	111	110	118	112	104	112	107	106	108	110
1970.....	118	121	111	111	122	110	125	111	114	115	115
1971.....	125	134	133	131	133	128	135	108	121	118	128
1972.....	123	139	138	138	144	130	143	126	125	127	136
1973.....	131	151	142	142	151	135	149	145	128	125	140
1974.....	143	145	131	122	154	148	153	128	137	133	136
1975.....	149	161	165	139	156	155	166	150	146	143	152
1976.....	166	164	179	140	172	167	182	165	158	151	162
1977 <sup>2</sup> .....	169	208	190	160	171	156	195	181	153	146	173

<sup>1</sup> Index of farm output (see table 637) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 664).

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 641.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1963-77<sup>1</sup>  
 (1967 = 100)

Year	Livestock and products					Crops								
	Farm output	All livestock and products	Meat animals	Milk cows	Poultry	All crops	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Oil crops
1963.....	77	77	83	72	73	77	77	66	91	89	92	96	78	83
1964.....	81	82	89	79	81	79	77	68	99	90	97	89	87	85
1965.....	89	86	89	87	87	90	91	55	101	96	98	88	102	82
1966.....	92	93	95	93	93	94	93	93	104	97	102	92	102	89
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	106	105	104	108	104	106	102	103	110	103	101	110	133	101
1969.....	110	112	110	117	112	108	109	105	117	110	107	111	125	110
1970.....	115	121	117	125	119	111	109	105	121	110	109	116	136	129
1971.....	128	128	122	136	128	126	136	111	130	114	111	125	149	134
1972.....	136	137	130	148	142	135	153	120	124	116	109	127	187	149
1973.....	140	144	137	153	151	138	153	125	131	116	118	122	224	147
1974.....	136	156	147	168	166	129	131	124	115	116	129	118	308	158
1975.....	152	160	150	178	175	142	156	135	130	116	125	134	255	157
1976.....	162	178	164	202	200	146	164	128	127	123	129	136	302	164
1977 <sup>2</sup> .....	173	189	172	219	215	157	175	141	151	123	127	143	436	163

<sup>1</sup> Index of farm production (see table 636) divided by the appropriate index of hours of labor (for absolute number of hours, see table 664).

<sup>2</sup> Preliminary.

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Table 642.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-77<sup>1</sup>

Crop and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1973-77 <sup>2</sup>
<b>Corn for grain:</b>							
Hours per acre.....	34.2	30.3	28.1	19.2	9.9	5.8	3.8
Yield-bushels.....	25.9	26.3	26.1	36.1	48.7	78.5	85.7
Hours per 100 bushels.....	132	115	108	53	20	7	4
<b>Sorghum grain:</b>							
Hours per acre.....		17.5	13.1	8.8	5.9	4.2	4.0
Yield-bushels.....		16.8	12.8	17.8	29.2	52.9	81.7
Hours per 100 bushels.....		104	102	49	20	8	8
<b>Wheat:</b>							
Hours per acre.....	13.6	10.5	8.8	5.7	3.8	2.9	2.9
Yield-bushels.....	13.9	14.1	13.2	16.9	22.3	27.5	30.0
Hours per 100 bushels.....	98	74	67	34	17	11	10
<b>Hay:</b>							
Hours per acre.....	13.0	12.0	11.3	8.4	6.0	3.8	3.6
Yield-ton.....	1.25	1.22	1.24	1.35	1.61	1.97	2.12
Hours per ton.....	10.4	9.8	9.1	6.2	3.7	1.9	1.7
<b>Potatoes:</b>							
Hours per acre.....	73.8	73.1	69.7	68.5	53.1	45.1	39.0
Yield-cwt.....	56.9	68.4	70.3	117.8	178.1	212.8	250.5
Hours per ton.....	26	21	20	12	6	4	3
<b>Sugarbeets:</b>							
Hours per acre.....	125	109	98	85	51	33	27
Yield-ton.....	9.6	10.9	11.6	13.6	17.4	17.5	19.7
Hours per ton.....	13.0	10.0	8.4	6.3	2.9	1.9	1.4
<b>Cotton:</b>							
Hours per acre.....	105	96	99	83	66	30	12
Yield-pounds.....	168	171	226	273	428	484	483
Hours per bale.....	299	268	209	146	74	30	12
<b>Tobacco:</b>							
Hours per acre <sup>3</sup> .....	353	370	415	460	475	427	265
Yield-pounds.....	803	772	886	1,176	1,541	1,960	2,019
Hours per 100 pounds.....	44	48	47	39	31	22	13
<b>Soybeans:</b>							
Hours per acre.....	19.9	15.9	11.8	8.0	5.2	4.8	3.8
Yield-bushels.....	13.9	12.6	18.5	19.6	22.7	23.5	27.3
Hours per 100 bushels.....	143	126	64	41	23	19	14

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.<sup>2</sup> Preliminary.<sup>3</sup> Per acre planted and harvested.

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Table 643.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-77

Kind of livestock and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1973-77 <sup>1</sup>
<b>Milk cows:</b>							
Hours per cow.....	141	145	148	129	109	78	51
Milk per cow (pounds).....	3,790	4,437	4,401	4,992	6,307	8,830	10,561
Hours per cwt. of milk.....	3.7	3.3	3.4	2.6	1.7	.9	.8
<b>Cattle other than milk cows:</b>							
Hours per cwt. of beef produced <sup>2</sup> .....	4.5	4.3	4.2	4.0	3.2	2.1	1.4
<b>Hogs:</b>							
Hours per cwt. produced <sup>3</sup> .....	3.6	3.3	3.2	3.0	2.4	1.4	.7
<b>Chickens (laying flocks and eggs):</b>							
Hours per 100 layers.....		218	221	240	175	97	65
Eggs per 100 layers.....		117	120	161	200	219	232
Hours per 100 eggs produced.....		1.9	1.7	1.5	.9	.4	.3
<b>Chickens (farm raised):</b>							
Hours per 100 birds.....	33	32	30	29	23	14	12
Hours per cwt. produced <sup>3</sup> .....	9.4	9.4	9.0	7.7	6.7	3.7	3.0
<b>Chickens (broilers):</b>							
Hours per 100 birds.....			25	18	4	2	.7
Hours per cwt. produced <sup>3</sup> .....			8.5	5.1	1.3	.5	.3
<b>Turkeys:</b>							
Hours per cwt. produced <sup>3</sup> .....	31.1	28.5	23.7	13.1	4.4	1.3	.6

<sup>1</sup> Preliminary.<sup>2</sup> Production includes beef produced as a byproduct of the milk-cow enterprise.<sup>3</sup> Live-weight production.

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Table 644.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States, 1963-77

[1967 = 100]

Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>	Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>
	Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing			Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing	
1963.....	76.5	75.8	73.1	80.0	86.4	76.0	1971.....	109.6	108.2	102.4	116.6	109.8	116.7
1964.....	81.7	81.0	78.3	85.2	89.9	80.2	1972.....	119.7	118.9	113.7	126.5	113.1	131.5
1965.....	89.8	89.7	89.0	90.9	93.2	88.1	1973.....	129.8	129.8	127.1	133.8	114.7	149.2
1966.....	97.8	97.9	98.9	96.7	98.2	97.8	1974.....	129.3	129.4	125.7	134.6	115.3	157.1
1967.....	106.0	106.0	106.0	106.0	106.0	106.0	1975.....	117.8	116.3	109.3	126.4	112.8	151.0
1968.....	106.3	106.4	106.5	106.2	104.2	108.3	1976.....	129.8	129.6	121.7	140.9	114.2	172.4
1969.....	111.1	111.0	110.6	111.5	108.3	116.6	1977 <sup>3</sup> .....	157.0	157.1	159.6	148.1	117.8	194.5
1970.....	107.6	106.4	102.3	112.3	112.2	114.1							

<sup>1</sup> Data from Board of Governors of the Federal Reserve System.<sup>2</sup> For manufacturing. (Department of Labor series.)<sup>3</sup> Preliminary.

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Table 645.—Railroad freight rates: Index numbers for specified commodities, 1963-77

Railroad freight rate indexes 1967 = 100<sup>1</sup>

Year	Meats	Fruits and vegetables	Wheat	All grains	Soybeans	Cotton	Wool	Tobacco	Combined indexes <sup>2</sup>
1963.....	117	99	114	111	101	101	104	100	107
1964.....	113	99	111	108	100	100	100	100	105
1965.....	104	99	99	101	99	100	100	100	101
1966.....	100	99	99	100	99	100	100	99	100
1967.....	100	100	100	100	100	100	100	100	100
1968.....	103	103	101	100	101	100	101	102	101
1969.....	107	108	102	100	103	103	106	108	103
1970.....	117	118	113	109	114	113	119	118	114
1971.....	132	134	125	121	126	126	134	132	126
1972.....	136	138	130	121	127	131	136	137	129
1973.....	128	140	124	122	130	134	140	142	131
1974.....	162	161	147	146	158	155	165	166	154
1975.....	189	184	169	166	182	167	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1976.....	212	208	183	181	201	183			
1977 <sup>4</sup> .....	227	210	199	194	219	168			

<sup>1</sup> All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.<sup>2</sup> Combined index includes corn and small grains in addition to other products for which data are shown separately.<sup>3</sup> Beginning 1975, indexes for wool, tobacco, and all commodities combined have been discontinued. Those for wool and tobacco are dropped because of limited traffic. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.<sup>4</sup> These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

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## FOOTNOTES FOR TABLE 639

<sup>1</sup> For States included in regions, see footnote 1, table 675. <sup>2</sup> Preliminary.

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Table 646.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1963-77<sup>1</sup>

Year	Labor <sup>2</sup>	Rail and truck transportation <sup>3</sup>	Corporate profits <sup>4</sup>		Other <sup>5</sup>	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1963.....	21.3	4.3	2.4	1.3	22.0	49.9
1964.....	22.1	4.3	2.8	1.4	23.4	52.6
1965.....	22.3	4.3	3.0	1.6	23.5	54.0
1966.....	24.6	4.2	3.4	1.8	24.9	57.1
1967.....	25.9	4.3	3.4	1.8	27.8	61.4
1968.....	28.0	4.5	3.6	1.8	27.5	63.6
1969.....	30.4	4.6	3.6	1.6	28.5	64.1
1970.....	32.3	5.2	3.6	1.6	30.1	71.3
1971.....	34.5	6.0	4.4	2.0	30.5	75.4
1972.....	37.6	6.1	4.0	1.9	30.8	78.5
1973.....	40.7	6.0	5.4	2.8	32.1	84.2
1974.....	44.6	7.2	6.2	3.6	35.0	93.2
1975.....	49.1	8.3	8.1	4.4	41.0	106.5
1976 <sup>6</sup> .....	55.6	9.5	8.2	4.6	42.7	116.0
1977 <sup>7</sup> .....	61.0	10.0	8.0	4.0	43.0	122.0

<sup>1</sup> For domestic farm foods bought by civilian consumers in this country.<sup>2</sup> Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.<sup>3</sup> Includes charges for protective services, heating, and refrigeration; does not include local hauling. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.<sup>4</sup> Does not include profits of unincorporated firms or transportation firms.<sup>5</sup> Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.<sup>6</sup> Preliminary.<sup>7</sup> Estimated.

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Table 647.—Marketing spreads: Retail cost, farm value, farm-retail spread and farmer's share of retail cost for farm-originated food products, United States, 1963-77<sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1963.....	1,006.94	377.94	629.00	38	159.17	26.70	132.47	17
1964.....	1,008.92	377.13	631.79	37	160.87	26.93	133.64	17
1965.....	1,037.15	415.82	621.33	40	161.39	27.76	133.63	17
1966.....	1,092.49	445.41	647.08	41	167.21	30.58	136.63	18
1967.....	1,080.64	419.07	661.57	39	170.73	29.32	141.41	17
1968.....	1,119.62	441.42	678.20	39	171.65	27.71	143.94	16
1969.....	1,178.98	481.24	697.74	41	176.11	27.75	148.36	16
1970.....	1,228.43	477.99	750.44	39	185.61	29.81	156.10	16
1971.....	1,280.47	479.61	770.86	38	192.67	30.25	162.42	16
1972.....	1,310.82	524.14	786.68	40	192.07	31.83	160.14	17
1973.....	1,837.30	790.75	836.82	46	213.82	47.64	165.88	22
1974.....	1,749.56	747.64	1,001.92	43	277.30	69.15	208.15	25
1975.....	1,876.06	784.10	1,091.96	42	304.29	56.60	247.69	19
1976.....	1,895.44	747.59	1,147.85	39	299.45	46.11	253.34	15
1977 <sup>4</sup> .....	1,936.51	748.82	1,187.69	39	304.40	39.27	265.13	13

See footnotes at end of table.

Table 647.—Marketing spreads: Retail cost, farm value, farm-retail spread and farmer's share of retail cost for farm-originated food products, United States, 1963-77<sup>1</sup>—Continued

Year	Retail cost <sup>1</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost
Meat products					Fruits and vegetables, fresh and processed			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1963.....	286.83	154.30	132.63	54	213.28	53.04	160.24	25
1964.....	280.97	147.62	133.35	53	220.33	58.80	161.53	27
1965.....	307.23	181.21	126.02	59	219.92	60.68	159.24	28
1966.....	331.48	192.87	138.61	58	224.01	59.34	164.67	26
1967.....	319.61	180.48	139.13	56	223.50	55.93	167.57	25
1968.....	328.89	187.48	141.41	57	242.86	65.77	177.09	27
1969.....	364.11	214.84	149.27	59	244.10	64.65	179.45	26
1970.....	381.22	210.18	171.04	55	232.18	62.59	169.59	25
1971.....	377.39	207.24	170.15	55	264.32	67.01	197.31	25
1972.....	422.54	246.33	176.21	58	274.96	69.71	205.25	25
1973.....	523.35	331.29	192.06	63	311.60	86.23	225.37	28
1974.....	532.68	299.16	233.50	56	357.99	98.27	259.72	27
1975.....	582.68	347.51	235.17	60	376.29	102.42	273.87	27
1976.....	583.63	313.94	269.69	54	385.48	99.30	286.18	26
1977 <sup>4</sup> .....	569.60	313.36	256.24	55	421.24	108.53	312.71	25
Dairy products					Fats and oils			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1963.....	177.70	77.11	100.59	43	35.03	9.95	25.08	28
1964.....	178.57	77.91	100.66	44	34.72	10.16	24.56	29
1965.....	177.98	78.55	99.43	44	32.27	11.56	20.71	31
1966.....	189.29	88.21	101.08	47	38.70	12.23	26.47	32
1967.....	196.54	91.51	105.03	47	38.78	10.78	28.00	28
1968.....	201.97	95.14	106.83	47	37.91	9.78	28.13	26
1969.....	208.53	100.06	108.47	48	37.96	10.00	27.96	26
1970.....	218.84	104.21	114.63	48	40.84	12.17	28.67	30
1971.....	225.49	106.36	119.13	47	44.68	14.07	30.61	32
1972.....	228.83	108.96	119.87	48	45.21	12.04	33.17	27
1973.....	248.95	124.25	124.70	50	50.02	18.52	31.50	37
1974.....	296.33	145.82	150.51	49	75.74	35.49	40.25	47
1975.....	302.65	149.50	153.15	49	81.39	27.76	53.63	34
1976.....	331.18	170.12	161.06	51	69.54	22.67	46.87	32
1977 <sup>4</sup> .....	340.72	171.32	169.40	50	75.58	27.26	48.30	36
Poultry and eggs					Miscellaneous products			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1963.....	85.89	49.66	36.33	58	49.04	7.38	41.66	15
1964.....	84.41	48.13	36.28	57	49.35	7.58	41.77	15
1965.....	84.77	48.86	35.91	58	48.59	7.19	41.40	15
1966.....	92.47	54.78	37.69	59	49.34	7.40	41.94	15
1967.....	81.55	43.63	37.92	54	49.93	7.42	42.51	15
1968.....	85.95	47.68	38.27	55	50.68	7.85	42.83	15
1969.....	95.56	55.75	39.81	58	52.61	8.19	44.42	16
1970.....	94.07	50.89	43.18	54	55.68	8.45	47.23	15
1971.....	88.40	45.68	42.72	52	57.52	9.00	48.52	16
1972.....	88.57	46.28	42.29	52	58.64	8.99	49.65	15
1973.....	128.51	81.70	46.81	64	61.45	11.15	50.30	18
1974.....	125.22	76.88	48.34	61	84.32	22.87	61.45	27
1975.....	130.66	80.67	49.99	62	98.12	19.64	78.48	20
1976.....	134.25	81.74	52.51	61	91.91	13.82	78.09	15
1977 <sup>4</sup> .....	132.71	79.64	53.07	60	92.30	12.43	79.87	13

<sup>1</sup> The market basket contains the average quantities of farm-originated foods purchased annually per household in 1960-61 by wage-earner and clerical-worker families and workers living alone.<sup>2</sup> Retail costs are calculated mainly from retail prices published by the U.S. Department of Labor.<sup>3</sup> The farm values, or payments received by farmers for products equivalent to the foods in the market basket, are calculated from prices received by farmers. The farm values of processed products are adjusted by subtracting imputed values of byproducts.<sup>4</sup> From July 1964 through June 1973, the farm value and farmer's share for bakery products are based on the market price of what received by farmers plus the cost of the marketing certificate to processors.<sup>5</sup> Preliminary.

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Table 648.—Marketing bill for U.S. farm products: Civilian consumer expenditures, farm value, and marketing bill, 1963-77 <sup>1</sup>

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	Billion dollars	Billion dollars	Billion dollars		Billion dollars	Billion dollars	Billion dollars
1963.....	49.9	24.1	74.0	1971.....	75.5	35.3	110.8
1964.....	52.6	24.9	77.5	1972.....	78.5	39.4	117.9
1965.....	54.0	27.1	81.1	1973.....	84.2	51.1	135.3
1966.....	57.1	29.8	86.9	1974.....	93.2	56.0	149.2
1967.....	61.4	28.8	90.2	1975.....	106.5	54.9	161.4
1968.....	63.6	30.4	94.0	1976 <sup>2</sup> .....	116.0	56.3	172.3
1969.....	64.1	33.7	97.8	1977 <sup>3</sup> .....	122.0	57.0	179.0
1970.....	71.2	34.8	106.0				

<sup>1</sup> The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimated.

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Table 649.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1976 and 1977

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>				
	1976	1977 <sup>2</sup>	1976		1977		
			Based on data for—	Parity price	Based on data for—	Parity price	
<b>Basic commodities:</b>							
Cotton:	Dollars	Dollars		Dollars		Dollars	
American upland.....pound.....	0.638	0.514	July.....	0.1908	July.....	0.8410	
Extra-long staple.....do.....	1.040	.882	July.....	1.19	July.....	1.29	
Wheat.....bushel.....	2.73	2.31	June.....	4.90	June.....	5.07	
Rice.....cwt.....	7.02	9.43	June.....	13.60	June.....	14.00	
Corn.....bushel.....	2.15	2.03	Sept.....	3.28	Sept.....	3.45	
Peanuts.....pound.....	.300	.210	July.....	.276	July.....	.287	
<b>Tobacco:</b>							
Flue-cured, types 11-14.....do.....	1.104	1.178	June.....	1.55	June.....	1.620	
Va. fire-cured, type 21.....do.....	1.180	.963	Nov.....	1.16	Nov.....	1.30	
Ky.-Tenn. fire-cured, types 22-23.....do.....	1.422	1.256	Dec.....	1.22	Dec.....	1.39	
Burley, type 31.....do.....	1.141	1.200	Oct.....	1.59	Oct.....	1.66	
Maryland, type 32 <sup>4</sup> .....do.....	1.100	1.186	Mar.....	1.45	Mar.....	1.51	
Dark air-cured, types 35-36.....do.....	1.166	1.166	Nov.....	1.04	Nov.....	1.17	
Sun-cured, type 37.....do.....	1.050	1.000	Oct.....	1.15	Oct.....	1.25	
Pa. seedleaf, type 41.....do.....	.600	.600	Dec.....	.768	Dec.....	.820	
Cigar filler and binder, types 42-44.....do.....	.730	.828	Sept.....	.967	Sept.....	1.020	
54-55.....do.....	.730	.828	Jan.....	.960	Jan.....	.997	
Puerto Rican filler, type 46.....do.....	.896	1.213	Oct.....	1.30	Oct.....	1.36	
<b>Designated nonbasic commodities:</b>							
Tung nuts.....ton.....	( <sup>5</sup> )	( <sup>5</sup> )	Oct. <sup>6</sup> .....	119.00	Oct. <sup>7</sup> .....	71.20	
Milkfat, in cream.....pound.....	.834	.914	Dec. <sup>8</sup> .....	1.36	Dec. <sup>8</sup> .....	1.33	
All milk, sold to plants.....cwt.....	9.66	9.72	Dec. <sup>8</sup> .....	11.60	Dec. <sup>8</sup> .....	12.20	
Fluid market.....cwt.....	9.93	9.96					
Manufacturing grade.....cwt.....	8.56	8.70					
Honey, extracted (wholesale).....pound.....	*.470	.494	Dec. <sup>8</sup> .....	.461	Dec. <sup>8</sup> .....	.506	
<b>Wool and mohair:</b>							
Wool.....pound.....	<sup>10</sup> .657	.720	Dec. <sup>8</sup> .....	1.40	Dec. <sup>8</sup> .....	1.38	
Mohair.....do.....	<sup>11</sup> 2.97	2.87	Dec. <sup>8</sup> .....	1.90	Dec. <sup>8</sup> .....	2.06	

See footnotes at end of table.

Table 649.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1976 and 1977—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1976	1977 <sup>3</sup>	1976		1977	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:						
Barley.....bushel.....	Dollars 2.25	Dollars 1.80	June.....	Dollars 2.82	June.....	Dollars 3.01
Beans, dry edible.....cwt.....	15.50	21.09	July.....	25.70	July.....	26.80
Cottonseed.....ton.....	103.00	71.00	July.....	138.00	July.....	143.00
Crude pine gum.....barrel.....	59.48	65.48	Mar.....		Mar.....	
Flaxseed.....bushel.....	7.08	4.32	June.....	8.02	June.....	8.84
Hay, all, baled.....ton.....	60.30	54.00	Jan.....	59.40	Jan.....	64.30
Hops.....pound.....	848	896	July.....	1.21	July.....	1.27
Oats.....bushel.....	1.56	1.14	June.....	1.60	June.....	1.75
Peas, dry field.....cwt.....	11.30	15.00	July.....	13.40	July.....	14.50
Peppermint oil.....pound.....	14.80	14.30	July.....	13.10	July.....	14.90
Popcorn, shelled basis.....cwt.....	8.84	8.78	July.....	8.50	July.....	9.37
Potatoes.....cwt.....	3.59	3.64	Apr.....	5.66	Apr.....	5.81
Rye.....bushel.....	2.47	2.05	June.....	2.55	June.....	2.81
Sorghum grain.....cwt.....	2.03	1.73	Sept.....	5.49	Sept.....	5.77
Soybeans.....bushel.....	6.81	5.79	Aug.....	7.29	Aug.....	7.61
Spearmint oil.....pound.....	12.30	12.40	July.....	12.80	July.....	13.60
Sweetpotatoes.....cwt.....	7.48	9.55	June.....	13.50	June.....	14.00
Tobacco:						
Cigar wrapper, type 61.....pound.....	5.40		Dec.....	8.47	Dec.....	8.82
Cigar wrapper, type 62.....do.....	3.95	4.00	Oct.....	5.64	Oct.....	5.95
Fruits:						
Citrus (equiv. on-tree): <sup>15</sup>						
Grapefruit.....box.....	1.40	1.31	Aug.....	3.19	Aug.....	3.14
Lemons.....do.....	4.07	1.82	Oct.....	6.26	Oct.....	6.12
Limes, Florida.....box.....	6.70	8.60	Mar.....	8.63	Mar.....	8.79
Oranges.....box.....	1.77	1.56	Oct.....	3.32	Oct.....	3.31
Tangelos.....do.....	1.42	.80				
Tangerines.....box.....	3.21	3.50	Oct.....	5.37	Oct.....	5.69
Temple.....box.....	1.79	1.18				
Deciduous and other:						
Apples:						
For all sales.....pound.....	.091	.105				
For fresh consumption <sup>16</sup> .....do.....	.115	.137	June.....	.180	June.....	.165
For processing.....ton.....	108.00	121.00	July.....	125.00	July.....	133.00
Apricots:						
For all sales.....ton.....	200.00	225.00				
For fresh consumption.....ton.....	284.50	328.00	May.....	535.00	May.....	545.00
Dried, California (dried basis).....ton.....	2,172.00	2,195.00	June.....	2,780.00	June.....	2,990.00
For processing (except dried).....ton.....	138.00	162.00	July.....	261.00	July.....	266.00
Avocados.....ton.....	826.00	553.00	Sept.....	953.00	Sept.....	1,090.00
Berries for processing (Washington and Oregon):						
Blackberries.....pound.....	.290	.453	July.....	.368	July.....	.398
Boysenberries/youngberries.....do.....	.283	.650	July.....	.448	July.....	.483
Gooseberries.....do.....	.200	.206	July.....	.226	July.....	.239
Loganberries.....do.....	.204	.419	July.....	.477	July.....	.467
Raspberries, black.....do.....	.500	.621	July.....	.770	July.....	.813
Raspberries, red.....do.....	.292	.489	July.....	.506	July.....	.519
Cherries:						
Sweet.....ton.....	402.00	437.00	Apr.....	751.00	Apr.....	742.00
Tart.....pound.....	.281	.294	May.....	.344	May.....	.268
Cranberries.....barrel.....	13.50	17.40	Aug.....	26.90	Aug.....	30.00
Dates, California <sup>14</sup> .....ton.....	346.00	338.00	Aug.....	350.00	Aug.....	419.00
Figs:						
For fresh consumption, California.....ton.....	271.00	345.00				
Dried, California (dried basis).....ton.....	520.00	780.00				
Grapes:						
For all sales.....ton.....	155.00	193.00				
Raisin varieties dried, California.....ton.....	706.00	840.00	Aug.....	800.00	Aug.....	892.00
Grapes, excluding raisin varieties, dried.....ton.....	154.00	196.00	May.....	205.00	May.....	226.00
Nectarines (California): <sup>14</sup>						
For fresh consumption.....ton.....	245.00	203.00	May.....	353.00	May.....	370.00
For processing.....ton.....	160.00	( <sup>16</sup> )	July.....	179.00	July.....	194.00

See footnotes at end of table.

Table 649.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1976 and 1977—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1976	1977 <sup>3</sup>	1976		1977	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>14</sup>	Dollars	Dollars		Dollars		Dollars
For all sales.....ton	321.00	364.00				
Crushed for oil.....ton	18.00	148.00	July.....	88.30	July.....	90.30
Dried, California (dried basis).....ton	337.00	378.00	July.....	684.00	July.....	684.00
For processing (except crushed).....ton	348.00	390.00	July.....	724.00	July.....	717.00
For canning.....ton						
Peaches:						
For all sales.....pound	.096	.099				
For fresh consumption <sup>15</sup> .....do	.133	.140	Apr.....	.198	Apr.....	.200
Dried, California (dried basis).....ton	1,395.00	1,570.00	July.....	1,650.00	July.....	1,790.00
For processing (except dried):						
Clingstone <sup>16</sup> .....ton	137.00	140.00	June.....	176.00	June.....	180.00
Fremstone.....ton	124.00	121.00	July.....	177.00	July.....	188.00
Pears:						
For all sales.....ton	124.00	146.00				
For fresh consumption <sup>17</sup> .....ton	144.00	194.00	May.....	272.00	May.....	288.00
Dried, California (dried basis).....ton	1,200.00	1,250.00	Aug.....	1,780.00	Aug.....	1,830.00
For processing (except dried).....ton	112.00	117.00	July.....	236.00	July.....	237.00
Persimmons, California.....ton	306.00	350.00				
Plums (equiv. on-tree) (California):						
For all sales.....ton	302.00	224.00				
For fresh consumption.....ton	310.00	223.00				
For processing.....ton	7.80	48.80				
Pomegranates, California.....ton	210.00	203.00				
Prunes, dried (California).....ton	412.00	490.00				
Prunes and plums (excl. Calif.):						
For fresh consumption.....ton	158.00	220.00				
For processing (except dried).....ton	85.50	89.70				
Strawberries:						
For fresh consumption.....pound	.376	.389	Jan.....	.529	Jan.....	.537
For processing.....do	.245	.224	July.....	.335	July.....	.342
Seed crops:						
Alfalfa.....cwt	102.00	108.00	July.....	98.30	July.....	110.00
Bentgrass.....cwt	79.00	88.00	July.....	82.30	July.....	91.60
Chewings fescue (Oregon).....cwt	43.00	52.00	Jan.....	56.00	Jan.....	57.80
Crimson clover.....cwt	35.50	32.00	Jan.....	55.40	Jan.....	57.30
Hairy vetch.....cwt	25.10	27.10	Jan.....	26.30	Jan.....	28.20
Ladino clover.....cwt	130.00	100.00	Jan.....	153.00	Jan.....	165.00
Lepodol.....cwt	44.00	72.00	July.....	42.20	July.....	47.10
Merion Kentucky bluegrass.....cwt	108.00	121.00	Jan.....	140.00	Jan.....	148.00
Orchardgrass.....cwt	30.10	33.00	Jan.....	42.20	Jan.....	44.40
Red clover.....cwt	63.20	73.50	July.....	75.00	July.....	81.30
Red fescue.....cwt	42.00	52.00	Jan.....	57.30	Jan.....	58.70
Tall fescue.....cwt	19.90	23.00	Jan.....	22.30	Jan.....	23.80
Timothy.....cwt	27.50	50.60	July.....	25.30	July.....	28.80
Sugar crops:						
Maple sirup.....gallon	11.48	12.00				
Sugarbeets.....ton	21.00		July.....	43.20	July.....	43.80
Sugarcane for sugar <sup>18</sup> .....ton	13.70		July.....	53.10	July.....	33.30
Tree nuts:						
Almonds.....ton	810.00	1,090.00	July.....	1,480.00	July.....	1,500.00
Filberts.....ton	640.00	687.00	July.....	1,010.00	July.....	1,040.00
Pecans, all.....ton	1,630.00	1,154.00	July.....	1,430.00	July.....	1,610.00
Improved.....ton	1,750.00	1,310.00				
Seedling.....ton	1,270.00	926.00				
Walnuts.....ton	627.00	725.00	July.....	963.00	July.....	985.00
Vegetables for fresh market:						
Artichokes, California <sup>19</sup> .....cwt	14.40	19.30	July.....	23.00	July.....	25.30
Asparagus.....cwt	38.10	46.90	Jan.....	50.10	Jan.....	52.20
Broccoli <sup>19</sup> .....cwt	15.90	16.30	Jan.....	26.80	Jan.....	21.70
Cabbage.....cwt	5.86	8.94	Jan.....	7.77	Jan.....	7.83
Cantaloupes.....cwt	11.00	10.60	Jan.....	13.80	Jan.....	14.30
Carrots.....cwt	8.11	11.30	Dec. <sup>2</sup> .....	8.91	Dec. <sup>2</sup> .....	9.27
Califlowers <sup>19</sup> .....cwt	16.80	19.80	Nov. <sup>2</sup> .....	19.50	Nov. <sup>2</sup> .....	20.40
Celery.....cwt	8.10	8.68	Dec. <sup>2</sup> .....	10.60	Dec. <sup>2</sup> .....	10.80
Cucumbers.....cwt	9.58	9.90	Jan.....	14.10	Jan.....	15.30

See footnotes at end of table.

Table 649.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1976 and 1977—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1976	1977 <sup>3</sup>	1976		1977	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued						
	Dollars	Dollars		Dollars		Dollars
Eggplant.....cwt.	10.40	11.40	Jan.....	17.50	Jan.....	17.50
Escarole.....cwt.	14.00	15.60	Jan.....	16.30	Jan.....	17.50
Garlic.....cwt.	16.20	17.00	Jan.....	18.70	Jan.....	19.50
Green peppers.....cwt.	18.30	18.30	Jan.....	23.80	Jan.....	24.60
Honeydew melons.....cwt.	10.60	9.87	Apr.....	13.20	Apr.....	13.90
Lettuce.....cwt.	8.66	7.53	Nov. <sup>4</sup> .....	11.30	Nov. <sup>4</sup> .....	11.30
Onions.....cwt.	7.70	7.71	Feb.....	10.00	Feb.....	9.98
Snap beans.....cwt.	19.90	21.10	Jan.....	28.00	Jan.....	29.00
Spinach.....cwt.	17.80	16.90	Jan.....	23.80	Jan.....	25.10
Sweet corn.....cwt.	8.07	8.07	Jan.....	11.50	Jan.....	11.80
Tomatoes.....cwt.	19.20	20.50	Dec. <sup>5</sup> .....	25.10	Dec. <sup>5</sup> .....	26.00
Watermelons.....cwt.	3.25	3.39	Jan.....	4.93	Jan.....	5.67
Vegetables for processing:						
Asparagus.....ton.	501.00	614.00	Jan.....	777.00	Jan.....	796.00
Beets.....ton.	38.50	38.70	Jan.....	49.90	Jan.....	51.60
Cabbage.....ton.	31.20	30.50	Jan.....	41.50	Jan.....	42.50
Cucumbers.....ton.	126.00	126.00	Jan.....	190.00	Jan.....	195.00
Green peas.....ton.	199.00	205.00	Jan.....	246.00	Jan.....	256.00
Lima beans.....ton.	287.00	343.00	July.....	418.00	July.....	420.00
Snap beans.....ton.	139.00	142.00	Jan.....	212.00	Jan.....	212.00
Spinach.....ton.	65.60	69.00	Jan.....	88.50	Jan.....	91.70
Sweet corn.....ton.	48.20	48.60	July.....	60.60	July.....	64.10
Tomatoes.....ton.	58.00	64.10	Jan.....	81.60	Jan.....	83.60
Livestock and livestock products:						
All beef cattle.....cwt.	33.70	34.40	Dec. <sup>6</sup> .....	56.60	Dec. <sup>6</sup> .....	57.30
Cows.....cwt.	24.50	24.30				
Steers and heifers.....cwt.	36.50	37.30				
Calves.....cwt.	34.20	36.90	Dec. <sup>6</sup> .....	60.10	Dec. <sup>6</sup> .....	67.50
Beeswax.....pound.	1.12	1.57	July.....	1.37	July.....	1.47
Chickens:						
Excluding broilers, live.....do.	.129	.121				
Broilers, live.....do.	.236	.236				
Eggs.....dozen.	.584	.557	Dec. <sup>7</sup> .....	.775	Dec. <sup>7</sup> .....	.788
Hogs.....cwt.	43.30	39.40	Dec. <sup>8</sup> .....	49.00	Dec. <sup>8</sup> .....	52.60
Lambs.....cwt.	46.90	51.30	Dec. <sup>8</sup> .....	56.40	Dec. <sup>8</sup> .....	58.50
Milk cows <sup>9</sup> .....head.	477.00	504.00				
Milk, retail <sup>10</sup> .....quart.	.364	.368				
Sheep.....cwt.	13.20	13.40	Dec. <sup>9</sup> .....	16.10	Dec. <sup>9</sup> .....	16.50
Turkeys, live.....pound.	.317	.285	Dec. <sup>9</sup> .....	.477	Dec. <sup>9</sup> .....	.483

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing seasons or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary.

<sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

<sup>4</sup> Crop is sold during year following production. 1977 price is average of auction sales through May 4, 1978. Parity prices are for March 1976 and 1977.

<sup>5</sup> No production since 1972.

<sup>6</sup> Based on average of 7-season average prices, 1966-72.

<sup>7</sup> Based on average of 6-season average prices, 1967-72.

<sup>8</sup> Previous year.

<sup>9</sup> State annual average prices weighted by production to obtain U.S. averages.

<sup>10</sup> Average local market price for wool sold excluding incentive payment.

<sup>11</sup> Average local market price for mohair sold excluding incentive payment.

<sup>12</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>13</sup> Equivalent packinghouse-door returns for Oregon and Washington, equivalent first delivery point returns for California, and prices as sold for other States.

<sup>14</sup> Equivalent per unit returns for bulk fruit at first delivery point.

<sup>15</sup> No nectarines processed in 1977.

<sup>16</sup> Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

<sup>17</sup> Packinghouse-door returns for fresh consumption for Oregon and Washington, equivalent first delivery point returns for California, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>18</sup> Continental United States only.

<sup>19</sup> Includes some processing.

<sup>20</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average.

<sup>21</sup> Sold by farmers directly to consumers.

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Table 650.—Agricultural commodity support

Commodity and unit	1963	1964	1965	1966	1967	1968	1969
<b>MANDATORY <sup>1</sup></b>							
<b>Basic commodities:</b>							
Corn:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Support level <sup>4</sup> .....bushel.....	1.25	1.25	1.25	1.30	1.35	1.35	1.35
Loan rate.....do.....	1.07	1.10	1.05	1.00	1.05	1.05	1.05
Cotton:							
American upland: <sup>5</sup>							
Support level <sup>4</sup> .....pound.....	.3247	.3350	.3335	3.042	.3178	.3249	.3498
Loan rate <sup>7</sup> .....do.....	.3247	.3000	.2900	.2100	.2025	.2025	.2025
Extra-long staple:							
Support level <sup>4</sup> .....do.....	.5317	.4925	.4925	.4925	.4700	.4860	.4888
Loan rate.....do.....	.5317	.4925	.4925	.4925	.4700	.4000	.4000
Peanuts.....do.....	.112	.112	.112	.1135	.1135	.1201	.1238
Rice:							
Support level <sup>4</sup> .....cwt.....	4.71	4.71	4.50	4.50	4.55	4.60	4.72
Loan rate.....do.....							
Wheat:							
Support level <sup>4</sup> .....bushel.....	2.00	2.00	2.00	2.37	2.61	2.63	2.77
Loan rate.....do.....	1.82	1.30	1.25	1.25	1.25	1.25	1.25
Tobacco:							
Flue-cured, types 11-14.....pound.....	.566	.572	.577	.588	.599	.616	.638
Fire-cured, types 21-23.....do.....	.396	.400	.404	.411	.419	.431	.446
Burley, type 31.....do.....	.583	.589	.595	.606	.618	.635	.668
Maryland, type 32.....do.....	.518	.523	.528				
Dark air-cured, types 35-36.....do.....	.352	.355	.359	.366	.373	.383	.397
Virginia sun-cured, type 37.....do.....	.352	.355	.359	.366	.373	.383	.397
Cigar filler, Puerto Rican, type 46.....do.....	.303	.306	.309	.315	.321	.330	.342
Cigar binder, types 51-52.....do.....	.404	.408	.412	.420	.428	.440	.455
Ohio-Miami filler, types 42-44 do.....do.....	.292	.295	.297	.303	.309	.317	.329
<b>Nonbasic commodities:</b>							
Butterfat.....do.....	.581	.580	.594	.680	.680	.660	.686
Milk for manufacturing.....cwt.....	3.14	3.15	3.24	4.00	4.00	4.28	4.28
Honey, wholesale, extracted.....pound.....	.112	.112	.112	.114	.125	.125	.130
Mohair.....do.....	.76	.72	.72	.788	.764	.774	.774
Tung nuts.....ton.....	63.34	63.34	63.34	63.34	63.34	64.22	68.25
Wool.....pound.....	.62	.62	.62	.65	.66	.67	.69
Barley: <sup>10</sup>							
Support level <sup>4</sup> .....bushel.....	.96	.96	.96	1.00	.90	.90	1.03
Loan rate.....do.....	.82	.84	.80	.80	.90	.90	.83
Sorghum grain: <sup>10</sup>							
Support level <sup>4</sup> .....do.....	2.00	2.00	2.00	2.05	2.14	2.14	2.14
Loan rate.....cwt.....	1.71	1.77	1.65	1.82	1.61	1.62	1.61
Oats <sup>10</sup> .....bushel.....	.65	.65	.60	.60	.63	.63	.63
Rye <sup>10</sup> .....do.....	1.07	1.07	1.02	1.02	1.02	1.02	1.02
<b>NONMANDATORY</b>							
<b>Nonbasic commodities:</b>							
Beans, dry edible.....cwt.....	6.32	6.32	6.32	6.33	6.37	6.38	6.39
Cottonseed <sup>11</sup> .....ton.....	44.00	44.00	43.00	48.00	48.00	48.00	37.00
Flaxseed.....bushel.....	2.90	2.90	2.90	2.90	2.90	2.90	2.75
Soybeans.....do.....	2.25	2.25	2.25	2.50	2.50	2.50	2.25

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.<sup>2</sup> Support level for 1974, 1975, 1976, 1977, and 1978 represents the statutory established price (the so-called target price) except for extra-long staple cotton.<sup>3</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.<sup>4</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.<sup>5</sup> Preliminary.<sup>6</sup> 1-inch middling.



prices per unit, United States, 1963-78<sup>1</sup>

	1970	1971	1972	1973	1974 <sup>1</sup>	1975 <sup>2</sup>	1976 <sup>3</sup>	1977 <sup>4</sup>	1978 <sup>5</sup>
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
.35	1.35	1.35	1.41	1.64	1.38	1.38	1.57	2.00	2.10
.05	1.05	1.05	1.05	1.05	1.10	1.10	1.80	* 2.00	* 2.00
.3498	.3705	.3500	.3585	.4152	.3800	.3800	.4320	.4780	.5200
.2025	.2025	.1950	.1950	.1950	.2326	.3427	.3712	.4258	.4800
.4888	.4979	.5109	.5135	.5421	.6058	.7410	.7475	.7670	.8320
.4900	.4050	.3840	.3850	.3820	.4972	.6774	.7324	.7670	.8320
.1238	.1275	.1342	.1425	.1642	.1830	.1972	.2070	.2153	.2100
.72	4.86	5.07	5.27	6.07	7.54	8.52	8.25	8.25	8.53
							6.19	6.19	6.40
2.77	2.52	2.93	3.02	3.30	2.05	2.05	2.29	* 2.90	3.40
1.25	1.25	1.25	1.25	1.25	1.37	1.37	* 2.25	2.25	2.35
.698	.666	.694	.727	.766	.833	.932	1.060	1.138	1.1210
.446	.466	.485	.508	.535	.552	.652	.741	.795	.846
.658	.686	.715	.749	.789	.858	.961	1.093	1.173	1.247
.397	.414	.431	.452	.476	.518	.580	.659	.707	.752
.397	.414	.431	.452	.476	.518	.580	.659	.707	.752
.842	.356	.371	.389	.410	.446	.499	.567	.609	.647
.455	.475	.495	.519	.546	.594	.665	.756	.812	.863
.329	.343	.358	.375	.395	.429	.480	.546	.586	.623
.696	.715	( <sup>7</sup> )							
4.28	4.66	4.93	4.93	5.29	6.57	7.24	8.13	9.00	
.130	.130	.140	.140	.161	.206	.255	.294	.327	.368
.774	.802	.802	.802	.802	.802	.802	.802	1.498	1.647
38.25	70.85	73.45	74.74	74.75	80.80	79.95	80.00		
.69	.72	.72	.72	.72	.72	.72	.72	.99	1.08
1.03	1.03	1.81	1.10	1.27	1.13	1.13	1.28	2.15	2.26
.83	.83	.81	.86	.86	.90	.90	* 1.22	1.63	1.63
2.14	2.14	2.21	2.39	2.61	2.34	2.34	2.66	4.07	4.07
1.61	1.61	1.73	1.79	1.79	1.88	1.88	* 2.55	3.39	3.39
.63	.63	.54	.54	.54	.54	.54	.72	1.03	1.03
1.02	1.02	.89	.89	.89	.89	.89	1.20	1.70	1.70
6.39	6.40	6.40	6.40	6.40	6.40	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
37.00	37.00	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
2.75	2.50	2.50	2.50	2.50	2.50	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
2.25	2.25	2.25	2.25	2.25	2.25	( <sup>12</sup> )	2.50	3.50	4.50

<sup>1</sup> Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

<sup>2</sup> Target level for wheat planted within allotment was \$2.50; target level of \$2.47 for unplanted allotment acreage.

<sup>3</sup> Suspended since 1971.

<sup>4</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>5</sup> Payment rate dropped; support level and loan rate are the same.

<sup>6</sup> No support program.

<sup>7</sup> For ginners' purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

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Table 651.—Producer prices: Index numbers, by groups of commodities, United States, 1963-77

[1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1963.....	96.0	92.4	90.0	96.3	97.9	96.8	93.5	91.3	97.0	92.6	94.7	94.5
1964.....	94.6	92.8	90.3	93.7	98.3	95.5	95.4	93.8	97.4	93.9	95.2	94.7
1965.....	98.7	96.2	94.3	95.5	99.0	95.9	95.9	96.4	96.9	94.1	96.4	96.8
1966.....	105.9	101.9	105.4	97.8	99.4	97.8	100.2	96.8	98.0	97.1	98.5	99.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.8
1969.....	109.1	109.6	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970.....	111.0	113.5	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971.....	112.9	115.5	114.1	115.2	104.1	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972.....	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973.....	176.3	146.9	145.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	124.7
1974.....	187.7	174.4	145.1	208.3	146.8	156.2	183.6	171.9	127.9	132.8	153.8	160.1
1975.....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976.....	191.0	178.9	167.8	285.5	187.2	159.2	205.6	195.9	145.6	183.0	182.4	183.0
1977 <sup>3</sup> .....	192.5	186.8	179.5	302.2	192.7	167.5	236.2	209.0	151.4	180.0	195.1	194.3

<sup>1</sup> The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.<sup>2</sup> Prior to January 1967, classified as "all commodities other than farm products and processed food."<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Labor. Beginning January 1971, data represent the revised sample and the 1967 weighting pattern; previously reported on a 1957-59 = 100 basis.

Table 652.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1963-77<sup>1</sup>

[1910-14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool <sup>3</sup>	Livestock and livestock products	All farm products	Parity ratio <sup>4</sup>
1963.....	224	165	271	494	258	291	306	236	268	156	240	290	253	146	299	245	243	73
1964.....	190	167	262	490	256	306	320	248	286	230	239	270	256	142	291	236	237	73
1965.....	163	174	245	513	265	240	241	262	305	293	230	315	260	144	.....	260	245	73
1966.....	185	181	215	552	293	246	241	285	341	194	238	353	295	157	.....	290	284	73
1967.....	176	174	190	555	369	237	222	283	334	187	225	335	308	131	.....	275	250	73
1968.....	160	187	192	567	357	304	309	305	358	195	225	348	322	139	.....	286	255	73
1969.....	154	167	173	594	249	228	224	300	389	203	217	398	337	157	.....	322	268	73
1970.....	162	179	183	604	263	217	214	292	366	218	225	405	350	147	.....	325	274	73
1971.....	166	187	206	627	297	246	249	322	421	202	242	407	359	134	.....	323	281	73
1972.....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	.....	372	313	73
1973.....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	.....	502	447	73
1974.....	529	423	433	821	625	319	303	403	509	543	504	553	510	214	.....	454	481	73
1975.....	426	400	348	899	529	313	303	458	579	400	452	567	537	235	.....	474	463	73
1976.....	355	379	504	907	550	360	290	456	576	377	444	569	591	233	.....	485	465	73
1977 <sup>1</sup> .....	275	318	509	974	652	365	356	506	662	361	435	564	595	228	.....	482	457	65

See footnotes on page 455.

Table 653.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1963-77<sup>1</sup>

(1967 = 100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Conservational vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool <sup>3</sup>	Livestock and livestock products	All farm products	Ratio <sup>4</sup>
1963.....	127	94	143	89	96	128	138	83	80	83	107	86	82	112	121	89	97	105
1964.....	108	98	138	88	95	135	144	88	85	123	106	81	83	109	131	80	95	102
1965.....	93	100	129	92	98	106	109	93	91	157	103	94	85	110	.....	94	98	104
1966.....	105	104	113	99	109	109	109	101	102	163	106	105	96	120	.....	106	106	107
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	.....	100	100	100
1968.....	91	90	101	102	95	134	139	108	107	184	100	103	108	107	.....	104	102	99
1969.....	88	96	91	107	93	101	101	106	110	109	97	119	109	120	.....	117	107	100
1970.....	92	103	96	109	99	96	96	103	110	117	100	121	113	112	.....	118	110	98
1971.....	95	108	108	113	111	108	112	114	126	108	108	121	117	102	.....	118	113	94
1972.....	109	104	129	123	122	117	121	115	129	121	114	148	121	105	.....	136	125	100
1973.....	215	163	144	129	226	137	137	134	156	206	175	198	143	176	.....	183	179	124
1974.....	300	243	228	148	232	141	136	143	182	290	224	165	166	163	.....	165	192	116
1975.....	242	230	183	162	197	138	137	162	173	214	201	169	175	179	.....	172	185	103
1976.....	292	218	265	164	205	132	131	161	173	291	197	170	192	178	.....	177	186	97
1977 <sup>5</sup> .....	156	181	270	176	243	161	160	179	198	193	192	169	193	174	.....	175	183	91

<sup>1</sup> Index values shown for 1965 through 1976 were as revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

<sup>2</sup> Fresh market for noncitrus, and fresh market and processing for citrus.

<sup>3</sup> Due to the decrease in relative importance of wool sales between the previous index base period (1953-57) and the current base period (1971-73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

<sup>4</sup> Ratio of Index of Prices Received (1967 = 100) to Index of Prices Paid (1967 = 100).

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57 for 1959-64 indexes and by average quantities sold during 1971-73 for the 1965-75 indexes.

## FOOTNOTES FOR TABLE 652

<sup>1</sup> Index values shown for 1965 through 1976 as revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

<sup>2</sup> Fresh market for noncitrus, and fresh market and processing for citrus.

<sup>3</sup> Due to the decrease in relative importance of wool sales between the previous index base period (1953-57) and the current base period (1971-73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

<sup>4</sup> Ratio of Index of Prices Received to the Parity Index.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57 for 1959-64 indexes and by average quantities sold during 1971-73 for the 1965-76 indexes. (See table 653 for data on 1967 = 100 basis.)

Table 654.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965-77<sup>1</sup>

[1910-14 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Auto and auto supplies	Medical and health care <sup>3</sup>	Education, recreation, and other <sup>(*)</sup> (*)	Production (all commodities)	Feed	Feeder live-stock	Seed	Fertilizer	Agricultural chemicals
1965.....	305	306	362	323	334	307	306	277	207	348	237	152	271
1966.....	314	323	375	327	338	320	315	289	216	306	234	149	274
1967.....	320	322	392	333	346	342	323	290	213	386	238	147	277
1968.....	334	331	416	345	363	363	337	290	200	402	247	138	279
1969.....	348	348	442	355	377	388	352	302	204	453	252	128	275
1970.....	363	368	467	361	392	413	371	313	216	472	267	129	270
1971.....	379	375	457	376	415	440	387	328	224	483	294	134	274
1972.....	394	395	512	393	428	455	401	351	226	575	321	138	284
1973.....	426	460	559	424	452	472	412	424	342	742	367	150	292
1974.....	484	531	637	496	530	513	438	481	414	570	512	246	329
1975.....	533	574	682	558	595	576	474	528	399	517	582	320	443
1976.....	563	590	739	592	639	631	495	559	408	594	574	272	481
1977.....	* 573	(*)	(*)	(*)	(*)	(*)	(*)	580	398	611	621	266	434

  

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates <sup>7</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>8</sup>
	Fuels and energy <sup>(*)</sup>	Farm and motor supplies <sup>1</sup>	Auto and trucks <sup>2</sup>	Tractors and self-propelled machinery <sup>2</sup>	Other machinery <sup>2</sup>	Building and fencing	Farm services and cash rent <sup>4</sup>						
1965.....	174	266	457	465	424	391	-----	288	387	740	728	335	322
1966.....	175	265	470	487	437	399	-----	299	435	795	785	351	335
1967.....	177	268	491	507	455	405	-----	301	486	849	847	356	341
1968.....	178	272	525	531	476	430	-----	306	545	932	919	364	349
1969.....	181	279	552	564	501	457	-----	319	607	1,020	1,011	381	356
1970.....	185	290	587	590	526	458	-----	322	651	1,095	1,083	397	382
1971.....	190	298	645	619	556	491	328	247	693	1,158	1,139	416	399
1972.....	191	305	673	651	590	530	357	368	750	1,206	1,205	445	424
1973.....	204	320	714	695	633	594	396	427	874	1,236	1,314	529	489
1974.....	281	392	793	816	725	733	482	485	1,053	1,305	1,506	602	557
1975.....	313	450	940	990	895	835	578	533	1,233	1,408	1,627	662	611
1976.....	331	439	1,043	1,102	1,025	871	621	564	1,397	1,513	1,781	705	650
1977.....	337	441	1,181	1,203	1,120	928	682	591	1,610	1,657	1,915	740	687

<sup>1</sup> Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup> New or restructured index; values for years prior to 1965 are not available.

<sup>3</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>5</sup> Discontinued.

<sup>6</sup> New index; values for years prior to 1971 are not available.

<sup>7</sup> Simple average of seasonally adjusted quarterly indexes.

<sup>8</sup> The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14 = 100 base.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 655.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965-77<sup>1</sup>

[1967 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Auto and auto supplies	Medical and health care <sup>3</sup>	Education, recreation, and other <sup>4</sup> (5)	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1965.....	95	95	92	97	97	89	95	96	97	90	100	103	98
1966.....	98	100	96	98	98	93	97	100	101	103	98	102	99
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	104	103	106	104	105	106	104	100	94	104	104	94	101
1969.....	109	108	112	107	109	113	109	104	96	117	106	87	100
1970.....	114	114	119	109	113	120	115	108	101	122	112	88	98
1971.....	118	116	124	113	120	128	120	113	105	125	124	91	100
1972.....	123	123	131	118	124	132	124	121	106	149	135	94	103
1973.....	133	143	143	127	130	137	127	146	160	162	167	102	105
1974.....	151	165	162	149	153	149	135	166	194	148	215	167	119
1975.....	166	178	174	168	172	167	147	182	187	134	245	217	160
1976.....	176	183	188	178	184	184	183	193	191	154	241	185	174
1977.....	181	(5)	(5)	(5)	(5)	(5)	(5)	200	186	158	261	181	157

  

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates <sup>7</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates
	Fuels and energy <sup>5</sup>	Farm and motor supplies <sup>2</sup>	Auto and trucks <sup>3</sup>	Tractors and self-propelled machinery <sup>2</sup>	Other machinery <sup>2</sup>	Building and fencing	Farm services and cash rent <sup>4</sup>						
1965.....	98	99	93	92	93	97	-----	96	79	87	86	94	94
1966.....	98	99	96	96	96	99	-----	99	90	94	93	99	99
1967.....	100	100	100	100	100	100	-----	100	100	100	100	100	100
1968.....	101	102	107	104	104	106	-----	102	112	110	108	102	103
1969.....	102	104	112	111	110	113	-----	106	125	129	119	107	108
1970.....	104	108	120	116	118	113	-----	110	134	129	128	112	112
1971.....	107	111	131	122	122	121	113	115	142	136	134	117	118
1972.....	108	114	137	128	130	131	123	122	154	142	142	125	125
1973.....	116	120	145	137	139	147	136	142	180	145	155	149	144
1974.....	159	147	161	161	159	181	166	161	216	154	178	169	164
1975.....	177	168	191	198	197	206	199	177	254	166	192	186	189
1976.....	187	164	212	217	225	215	214	187	287	178	210	188	191
1977.....	202	165	234	238	246	229	235	196	351	195	226	208	202

<sup>1</sup> Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordere and several new indexes introduced. Revised monthly indexes for January 1965-April 1975 are available upon request.

<sup>2</sup> New or restructured index; values for years prior to 1965 are not available.

<sup>3</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>5</sup> Discontinued.

<sup>6</sup> New index; values for years prior to 1971 are not available.

<sup>7</sup> Simple average of seasonally adjusted quarterly indexes.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 656.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1974-77<sup>1</sup>

Commodity and unit	1967	1974	1975	1976	1977
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Pine, Standard and better <sup>2</sup> .....	135.00	249.00	232.00	265.00	307.00
Pine, Utility <sup>3</sup> .....	112.00	200.00	186.00	.....	.....
Fir, Standard and better <sup>4</sup> .....	150.00	286.00	273.00	305.00	346.00
Fir, Utility <sup>5</sup> .....	115.00	214.00	202.00	.....	.....
Boards, per 1,000 board feet:					
Rough, No. 2 and better <sup>6</sup> .....	130.00	315.00	312.00	339.00	371.00
Rough, under No. 2 <sup>6</sup> .....	113.00	257.00	246.00	.....	.....
Dressed, No. 2 and better <sup>6</sup> .....	109.00	308.00	378.00	407.00	436.00
Dressed, under No. 2 <sup>6</sup> .....	124.00	289.00	260.00	.....	.....
Shiplap, pine, per 1,000 board feet:					
No. 2 and better <sup>7</sup> .....	142.00	321.00	310.00	329.00	.....
Under No. 2 <sup>8</sup> .....	121.00	281.00	255.00	.....	.....
Drop-siding, per 1,000 board feet:					
Pine, C and better.....	207.00	426.00	426.00	467.00	522.00
Fir, C Select and better.....	262.00	545.00	500.00	.....	.....
Bevel-siding per 1,000 board feet, cedar, clear VG Heart.....	215.00	505.00	546.00	.....	.....
Flooring, per 1,000 board feet:					
Yellow pine, B and better.....	228.00	487.00	512.00	543.00	556.00
Fir, V G, B and better.....	317.00	686.00	775.00	.....	.....
Fir, V G, C Select.....	242.00	642.00	724.00	.....	.....
Oak Select.....	294.00	569.00	562.00	592.00	656.00
Oak No. 1.....	254.00	487.00	476.00	.....	.....
Shingles, wood, cedar, 16 inches, per square.....	17.80	47.10	50.00	.....	.....
Doors flush, hollow-core, each.....	8.74	16.00	13.70	15.00	16.20
House windows, D.H. Unit with frames and sashes.....	24.20	38.80	39.70	44.70	48.70
Nails, 6d, common, per pound.....	.180	.399	.483	.481	.487
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot.....	.236	.321	.361	.378	.405
Roofing, galvanized steel, per 100 square feet.....	13.30	25.40	30.30	31.10	32.10
Roofing, composition, per roll.....	4.19	8.37	9.46	.....	.....
Asbestos siding shingles, per square.....	22.20	34.20	37.20	40.10	45.30
Gypsum board, 5/8 inch, per 1,000 square feet.....	59.80	73.40	77.30	80.20	92.20
Shingles, asphalt, per square.....	9.33	18.30	20.20	20.80	21.70
Insulating sheathing, (asphalt-treated) regular density, 1/2-inch, per 1,000 square feet <sup>9</sup> .....	89.00	94.30	92.00	101.00	110.00
Bricks, common, per 1,000.....	63.20	100.00	109.00	122.00	134.00
Drainage tile, 4-inch:					
Clay, per foot.....	.154	.256	.288	.....	.....
Concrete, per foot.....	.183	.245	.268	.289	.....
Concrete blocks, per 100.....	27.10	43.10	47.00	50.10	54.90
Portland cement, per 94 pounds.....	1.61	2.71	3.13	3.42	3.67
Paint, house, exterior, per gallon.....	6.63	9.71	10.80	11.60	12.30
Barbed wire, 2-point, per spool of 80 rods.....	10.00	25.90	28.50	26.90	27.00
Barbed wire, 4-point, per spool of 80 rods.....	11.10	28.90	31.90	29.90	30.00
Posts, wood, line fence, each.....	.889	1.75	1.89	2.03	2.03
Posts, steel, each.....	1.16	2.14	2.37	2.29	2.32
Staples, fence, per pound.....	.199	.397	.499	.506	.526
Woven wire fencing, 32-inch, per 20-rod roll.....	24.00	47.60	54.00	53.40	56.40
Iron pipe, galvanized, 1 1/2-inch, I.D., per foot <sup>10</sup> .....	.472	1.13	1.21	1.22	1.28
Plastic tubing, 1-inch, I.D., per foot <sup>11</sup> .....	.137	.171	.194	.191	.199
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel.....	.168	.265	.391	.418	.449
Gasoline, regular, service station.....	.330	.528	.553	.583	.610
Gasoline, regular, bulk delivery.....	.282	.465	.498	.537	.569
Furnace or fuel oil.....	.166	.358	.378	.406	.462
L. P. gas, bulk delivery <sup>12</sup> .....	.145	.302	.304	.331	.389
Kerosene.....	.195	.393	.417	.446	.....
Electricity, per kilowatt hour.....	.0217	.0266	.0307	.0335	.0368
<b>Motor supplies:</b>					
Grease, 35 lb. pail.....	8.12	12.60	13.60	13.90	15.20
Motor oil, per gallon:					
All weather, high detergent.....	1.92	2.82	2.92	2.93	2.95
Heavy duty, detergent.....	1.61	2.41	2.54	2.53	2.56
Regular, nondetergent.....	1.27	1.97	2.11	2.13	2.17
Spark plugs, each.....	.927	1.21	1.25	1.32	1.39
Storage batteries, CPE 220-310 amps, each <sup>13</sup> .....	21.50	31.30	34.20	35.20	37.00
<b>Tires:</b>					
Auto tires, convent., F78-15, 4-ply tubeless, each <sup>14</sup> .....	22.40	30.30	31.70	.....	.....
Auto tires, bias-belted const., G78-15, tubeless, each <sup>15</sup> .....	.....	37.80	39.80	40.30	43.00
Auto tires, radial, steel-belted, 205-15, GR78-15, tubeless, each <sup>16</sup> .....	.....	60.50	62.80	63.20	66.00
Truck tires, 7.50 x 20, 10-ply, each.....	63.70	74.60	78.70	81.80	87.00
Tractor tires, rear, 18.4-34, 6-ply, each <sup>17</sup> .....	.....	177.00	257.00	264.00	279.00

See footnotes at end of table.

Table 656.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1974-77<sup>1 2</sup>—Continued

Commodity and unit	1967	1974	1975	1976	1977
<b>Motor vehicles:</b>					
Autos, 4-door sedans:					
Intermediate size <sup>14</sup>		Dollars	Dollars	Dollars	Dollars
Low-priced standard size <sup>15</sup>	3,170.00	4,330.00	4,950.00	5,310.00	5,720.00
Medium-priced standard size <sup>16</sup>		4,820.00	5,380.00	5,750.00	5,940.00
		5,090.00	5,640.00	6,040.00	6,350.00
Trucks:					
2-ton, cab and chassis, each <sup>19</sup>	3,620.00	6,110.00	7,330.00	8,410.00	9,180.00
½-ton, pickup <sup>20</sup>	2,350.00	4,380.00	4,970.00	5,400.00	5,800.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each	3,700.00	5,250.00	6,180.00	6,570.00	7,070.00
Wheel, 50-59 maximum P.T.O. horsepower, each	5,440.00	7,600.00	8,700.00	9,260.00	10,030.00
Wheel, 70-79 maximum P.T.O. horsepower, each	7,020.00	10,400.00			
Wheel, 90-99 maximum P.T.O. horsepower, each		13,600.00	16,600.00	17,300.00	19,000.00
Crawler, 35-49 db. hp. each <sup>21</sup>	5,990.00	9,510.00			
Crawler, 55-69 db. hp. each	8,120.00	12,000.00			
<b>Farm machinery:</b>					
Plows, moldboard, 2-bottom, each	362.00	557.00	677.00	732.00	
Plows, moldboard, 3-bottom, each	606.00	976.00	1,270.00	1,450.00	1,660.00
Plows, moldboard, 5-bottom, each		2,360.00	3,040.00	3,410.00	3,800.00
Disk harrows, tandem 16-ft., each		2,800.00	3,630.00	4,170.00	4,660.00
Disk harrows, tandem 10-ft., each		1,370.00	1,710.00	1,910.00	
Spiketooth harrows, steelbar, one section	32.80	83.80	103.00	119.00	
Cultivators, 4-row, tractor, each	840.00	1,280.00	1,520.00	1,640.00	1,760.00
Corn planters, 6-row, plain, each	878.00	1,770.00	2,690.00	3,390.00	3,690.00
Grain drills, tractor-drawn, 16-tube, plain, each	900.00	1,640.00	2,350.00	2,760.00	3,060.00
Grain drills, tractor-drawn, 19-tube, plain, each <sup>22</sup>	1,080.00	2,400.00	3,140.00		
Mowers, tractor, 7-ft., each	568.00	884.00	1,040.00	1,150.00	1,230.00
Pick-up balers, automatic tie, P.T.O., each <sup>23</sup>	2,070.00	3,280.00	3,920.00	4,320.00	4,590.00
Combines, self-propelled:					
Small capacity, each	7,050.00	17,100.00	20,900.00	24,800.00	27,100.00
Medium capacity, each	8,590.00	22,100.00	27,800.00	31,700.00	35,400.00
Large capacity, each	9,840.00	28,500.00	36,400.00	41,900.00	45,600.00
Corn picker-bunkers, 2-row, each	3,290.00	8,950.00	6,670.00	7,220.00	7,600.00
Hammer mills, each	323.00	510.00	558.00		
Single milker units, each	187.00	237.00	280.00		
Farm wagons, without box and tires, each	210.00	408.00	480.00	531.00	606.00
Power sprayers, boom type, tr. mid., each	342.00	687.00	912.00	1,050.00	1,110.00
Gas engines, 3-horsepower, each	61.40	86.30	105.00	109.00	
Electric motors, ½-horsepower, each		34.60	38.60	41.40	45.50
<b>Farm supplies:</b>					
Axes, single bit, with handle, each <sup>24</sup>	6.36	10.80	11.80	12.00	
Hammers, nail, 16 oz. head, with handle, each <sup>25</sup>	4.11	6.62	7.11	7.55	8.64
Pitchfork, 3-tine, each	4.96	7.90	9.00	9.63	
Pitchfork, 4-tine, each	5.67	8.86	9.97	10.85	11.30
Hoes, 7-inch blade, each	2.90	4.80	5.48	5.96	6.32
Milk pails, 12 quarts, each	2.72	3.85	4.84	4.83	4.85
Rope, manila, ½-inch, per 100 feet <sup>26</sup>	.890	1.41	1.66	1.77	18.20
Binder twine, per pound	.264	.675	.516	.729	
Baler twine, per 40-pound bale	8.80	27.10	31.70	35.50	34.50
New baskets, round stave, bushel, with cover, per dozen	5.83	9.53	10.60	11.10	11.40
Lead arsenate, per pound	.368	.495	.575	.588	
<b>Farm services:</b>					
Telephone, per month	5.15	7.16	7.87	9.00	9.62
<b>Fertilizer:</b>					
Mixed fertilizer:					
0-20-20, per ton	65.60	119.00	134.00	119.00	118.00
3-9-9, per ton	60.10	103.00	128.00	119.00	116.00
4-8-12, per ton	55.00	99.20	129.00	116.00	117.00
4-12-12, per ton	43.00	82.70	107.00	94.30	
5-10-10, per ton	51.40	97.80	110.00	98.60	99.50
5-10-15, per ton	45.80	96.00	110.00	95.50	100.00
5-20-20, per ton	74.20	128.00	153.00	128.00	128.00
6-24-24, per ton	85.00	152.00	172.00	145.00	145.00
10-10-10, per ton	62.60	113.00	128.00	112.00	112.00
12-12-12, per ton	70.40	125.00	140.00	123.00	127.00
18-46-0, per ton	108.00	205.00	240.00	182.00	184.00
Nitrate of soda, per ton	60.10	150.00	195.00	152.00	147.00
Sulphate of ammonia, per ton	54.80	124.00	137.00	96.50	102.00
Ammonium nitrate, per ton	73.70	155.00	171.00	136.00	143.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton	42.10	97.70	111.00	95.20	102.00
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton	82.20	169.00	197.00	152.00	148.00
Phosphate rock, per ton	22.00	40.30	48.60		
Ammonium phosphate, 16-20, per ton	80.20	162.00	187.00	155.00	153.00
Muriate of potash, 60% K <sub>2</sub> O, per ton	52.20	86.20	98.20	95.00	95.30
Agricultural limestone, spread on field, per ton	5.18	8.21	8.86	9.00	9.97

See footnotes at end of table.



Table 656.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1974-77<sup>1,2</sup>—Continued

Commodity and unit	1967	1974	1975	1976	1977
<b>Livestock:</b>					
<b>Feeders and stockers:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Cattle and calves, per 100 pounds.....	24.60	35.70	29.60	35.80	37.00
Lambs, per 100 pounds.....	21.30	36.10	41.90		
Pigs (40-60 lbs. av.), per 100 pounds.....	33.50	50.80	89.50	78.30	76.50
Baby chicks, straight run, per 100.....	11.40	14.40	14.50	15.60	16.10
Turkey poults, each.....	.557	.674	.699	.693	.721
<b>Feed:</b>					
Alfalfa hay, baled, per ton.....	34.10	63.00	66.20	72.20	74.20
Other hay, baled, per ton.....	32.30	52.10	56.10	61.20	60.30
Cottonseed meal, 41% per 100 pounds.....	5.35	9.95	9.09	10.50	11.40
Soybean meal, 44% per 100 pounds.....	5.36	10.30	8.87	10.70	12.90
Tankage, per 100 pounds.....	6.31	12.00	10.50		
Brans, per 100 pounds.....	3.62	7.37	7.28	7.52	7.50
Middlings, per 100 pounds.....	3.72	7.31	7.14	7.40	7.37
Mill run, per 100 pounds.....	3.33	6.97	7.01		
Cornmeal, per 100 pounds.....	3.43	7.17	7.07	6.74	5.74
Hominy feed, per 100 pounds.....	3.80	7.01	6.55		
Layer feed, per ton <sup>3</sup> .....	86.00	184.00	147.00	181.00	182.00
Broiler grower, per ton <sup>4</sup> .....	93.00	169.00	163.00	166.00	171.00
Chick starter, per ton <sup>5</sup> .....	97.00	176.00	166.00	173.00	175.00
<b>Dairy feed:</b>					
14 percent protein, per ton.....	69.00	134.00	133.00	135.00	133.00
16 percent protein, per ton.....	75.00	138.00	135.00	141.00	140.00
18 percent protein, per ton.....	77.00	142.00	138.00		
20 percent protein, per ton.....	82.00	146.00	142.00		
32 percent protein, per ton.....		181.00	173.00	192.00	208.00
40 percent and over protein, per ton.....		197.00	190.00		
Stock salt, per 100 pounds.....	1.70	2.52	2.85	3.10	3.51
<b>Seeds:</b>					
Barley, per bushel.....	2.01	4.70	5.48	5.02	4.45
Corn, hybrid, per bushel.....	12.90	23.00	36.50	36.50	40.00
Oats, per bushel.....	1.61	3.50	4.20	3.62	3.65
Potatoes, per 100 pounds.....	3.38	8.05	5.50	7.40	5.53
Rye, per bushel.....	2.48	5.90	5.90	6.00	5.20
Soybeans, per bushel.....	4.40	9.50	10.50	7.40	13.00
Wheat, per bushel.....	2.73	7.95	6.80	6.25	4.80
Grain sorghum, hybrid, per 100 pounds.....	19.20	28.50	36.50	37.50	41.00
Alfalfa, uncertified, per 100 pounds.....	50.60	152.00	111.00	110.00	156.00
Alfalfa, certified, per 100 pounds.....	60.20	167.00	136.00	130.00	180.00
Alsike clover, per 100 pounds.....	32.50	60.80	66.00	67.00	88.80
Red clover, per 100 pounds.....	40.30	113.00	103.00	93.00	109.00
Sweetclover, per 100 pounds.....	17.20	28.00	35.00	36.00	38.50
Lespedeza, Korean, per 100 pounds.....	22.40	68.00	59.50	48.00	62.50
Sudangrass, per 100 pounds.....	13.20	24.50	27.30	28.00	34.50
Timothy, per 100 pounds.....	22.30	62.50	47.00	43.00	67.50

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> No. 2 and better prior to 1971.

<sup>4</sup> Under No. 2 prior to 1971.

<sup>5</sup> Includes Standard and better.

<sup>6</sup> Includes "utility" and "economy."

<sup>7</sup> "Interior insulating board" prior to 1969; "Insulating sheathing (asphalt treated)," 1969-75.

<sup>8</sup> "Iron pipe, galvanized, 1½-inch diameter" prior to 1976.

<sup>9</sup> "Plastic tubing, 1-inch per foot" prior to 1976.

<sup>10</sup> Prior to 1977, based on annual survey made in July and August, reporting data for most recent bill, usually purchased during April, May, or June.

<sup>11</sup> 54 plates, 12-voit prior to 1977.

<sup>12</sup> 7.75/7.50-14 prior to 1970; 7.75-15, 1970-72.

<sup>13</sup> 7.75-15 prior to 1973; 7.75-15, 1973-74.

<sup>14</sup> Not available prior to 1973.

<sup>15</sup> Prior to 1975, 15.5-35, 6-ply.

<sup>16</sup> Current coverage includes Chevrolet Chevelle Malibu Classic, Ford LTD II, and Plymouth Fury.

<sup>17</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

<sup>18</sup> Current coverage includes Pontiac Catalina and Buick LeSabre.

<sup>19</sup> Coverage includes Ford and Chevrolet.

<sup>20</sup> Coverage includes Ford, Chevrolet, and Dodge; also included International prior to 1976. Size was ½-ton prior to 1974.

<sup>21</sup> 25-34.9 drawbar horsepower prior to 1969.

<sup>22</sup> 20-tube prior to 1969.

<sup>23</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>24</sup> "Axes, with handle, each" prior to 1976.

<sup>25</sup> "Hammers, nail, with handle, each" prior to 1976.

<sup>26</sup> "Rope, Manila, per pound" prior to 1977.

<sup>27</sup> Specifications call for "complete feed."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 657.—Farm income: Gross and net income from farming, United States, 1963-77

Year	Cash receipts			Nonmoney and other farm income					Gross income		Production expenses		Net income of farm operators	
	Farm marketings	Government payments	Total	Realized			Change in inventory	Total	Realized	Total	Total	Total	Realized	Total
				Home consumption	Imputed rent	Other farm income								
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963.....	37,477	1,690	39,173	921	2,300	285	3,566	4,195	42,739	43,368	31,598	11,170	11,141	11,770
1964.....	37,328	2,181	39,507	835	2,443	330	3,614	2,797	43,121	42,304	31,812	11,309	11,309	10,493
1965.....	37,328	2,181	39,507	835	2,443	330	3,614	2,797	43,121	42,304	31,812	11,309	11,309	10,493
1966.....	43,435	3,079	46,514	824	2,499	410	3,733	3,751	50,457	50,459	38,598	11,859	11,859	12,009
1967.....	42,817	3,079	45,896	766	2,717	484	3,967	4,024	49,853	50,550	38,181	11,672	11,672	12,339
1968.....	44,153	3,462	47,615	719	2,538	521	4,078	4,202	51,733	51,847	39,625	12,108	12,108	12,322
1969.....	46,170	3,794	51,973	731	3,046	559	4,336	4,435	56,309	56,408	42,115	14,194	14,194	14,293
1970.....	50,539	3,717	54,256	751	3,019	543	4,313	4,319	58,569	58,575	44,424	14,145	14,145	14,151
1971.....	52,859	3,145	56,004	732	3,226	641	4,599	5,996	60,603	62,000	47,367	13,233	13,233	14,533
1972.....	57,189	3,901	61,090	1,311	3,474	953	4,958	6,811	70,119	70,850	52,413	17,706	17,706	18,146
1973.....	61,090	4,071	65,161	1,314	3,474	953	4,958	6,811	70,119	70,850	52,413	17,706	17,706	18,146
1974.....	62,449	2,531	64,980	1,205	4,487	989	6,971	5,160	99,658	98,340	72,210	27,448	27,448	28,130
1975.....	58,269	807	59,076	1,269	5,439	989	7,707	11,322	96,638	100,338	75,863	24,475	24,475	24,760
1976.....	94,501	774	95,275	1,334	6,166	1,452	8,952	11,322	104,087	101,722	82,972	21,115	21,115	18,760
1977.....	96,064	1,819	97,903	1,324	7,326	1,847	10,197	10,009	108,100	108,512	87,969	20,131	20,131	20,443

1 Preliminary.

Economics, Statistics, and Cooperative Service—Economics.

Table 658.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1963-77

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and products
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1963.....	8,113	3,033	313	4,861	1,747	1,154	443	112	271	20,047
1964.....	7,785	3,034	318	5,027	1,770	1,156	455	113	290	19,948
1965.....	8,042	3,007	329	5,036	1,755	1,304	494	95	292	21,886
1966.....	10,430	4,169	333	5,533	2,106	1,471	569	101	314	25,026
1967.....	10,480	3,809	302	5,742	1,765	1,314	543	75	283	24,383
1968.....	11,264	3,795	315	5,957	1,893	1,415	490	72	286	25,487
1969.....	12,572	4,742	343	6,196	2,312	1,635	530	70	273	28,573
1970.....	13,633	4,508	334	6,525	2,110	1,564	576	57	256	29,563
1971.....	15,043	4,153	319	6,811	1,794	1,583	586	31	263	30,583
1972.....	18,246	5,376	332	7,135	1,820	1,732	630	86	303	35,670
1973.....	22,410	7,604	389	8,080	2,975	2,506	1,064	120	398	45,936
1974.....	17,819	6,975	370	9,445	2,381	2,568	905	79	414	41,359
1975.....	17,524	7,583	355	9,923	2,814	3,083	933	54	480	43,059
1976.....	19,302	7,281	392	11,428	3,136	3,050	971	73	530	46,152
1977 <sup>3</sup> .....	20,230	7,327	389	11,776	2,917	3,243	1,059	77	547	47,565

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1963.....	2,562	3,414	2,638	1,951	1,269	1,678	2,004	1,714	17,430
1964.....	1,993	3,446	2,521	2,145	1,414	1,801	2,314	1,744	17,378
1965.....	2,042	3,693	2,320	2,173	1,186	1,850	2,618	1,787	17,479
1966.....	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967.....	2,361	4,393	1,695	2,795	1,391	1,817	2,680	1,902	18,434
1968.....	2,088	4,311	1,316	2,845	1,173	2,043	2,393	2,027	18,096
1969.....	2,215	4,376	1,364	3,049	1,396	2,171	2,542	2,063	19,006
1970.....	2,542	5,109	1,254	3,590	1,358	2,070	2,814	2,309	20,976
1971.....	2,485	5,325	1,487	3,799	1,328	2,311	3,011	2,340	22,276
1972.....	3,498	5,854	1,842	4,393	1,442	2,557	3,296	2,648	25,520
1973.....	7,194	10,605	2,798	7,580	1,570	3,444	4,351	3,500	41,132
1974.....	8,511	13,959	2,893	9,965	2,097	3,435	5,329	4,901	51,090
1975.....	7,760	12,150	2,311	7,273	2,155	3,525	5,350	4,626	45,150
1976.....	6,898	13,079	3,477	9,253	2,310	3,617	5,245	4,471	48,349
1977 <sup>3</sup> .....	6,139	12,017	3,939	9,393	2,351	4,262	5,661	4,777	48,519

<sup>1</sup> Ducks, geese, guinea, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seeds, and flax fiber.

Economics, Statistics, and Cooperatives Service—Economics.

Table 659.—Farm income: Cash receipts from farming and value of home consumption, by States, 1977 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>				Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	927,412	569,018	1,496,430	29,662	1,526,092	25,925	15,872	41,797	1,567,889
Alaska	4,373	7,099	11,472	127	11,599	274	89	363	11,962
Ariz.	508,729	689,670	1,198,399	4,713	1,203,112	4,742	5,969	10,705	1,213,817
Ark.	1,174,453	1,294,356	2,468,809	53,527	2,522,336	19,848	11,846	31,694	2,554,030
Calif.	2,912,981	6,455,902	9,368,883	75,157	9,444,040	72,520	4,548	77,074	9,521,114
Colo.	1,498,702	561,179	2,059,881	65,404	2,125,285	15,521	905	16,426	2,141,711
Conn.	129,641	104,096	233,737	379	234,116	1,294	790	2,084	236,200
Del.	179,944	80,738	260,682	419	261,101	986	284	1,270	262,371
Fla.	745,705	1,880,625	2,626,330	20,750	2,646,478	8,147	5,826	13,973	2,660,451
Ga.	1,233,530	960,590	2,194,120	51,166	2,245,286	17,189	14,826	31,714	2,277,000
Hawaii	64,940	259,748	324,688	24,683	349,371	1,135	0	1,135	350,516
Idaho	475,827	694,013	1,169,840	42,859	1,212,699	8,648	2,246	10,894	1,223,593
Ill.	1,972,553	3,919,833	5,792,386	32,082	5,824,468	24,107	8,002	32,109	5,856,577
Ind.	1,285,875	1,973,597	3,239,472	21,821	3,261,293	21,644	10,917	32,561	3,293,854
Iowa	4,300,029	2,764,855	7,064,884	28,901	7,093,785	73,086	10,793	83,879	7,177,664
Kans.	2,224,033	1,624,850	3,848,883	236,689	4,085,572	16,024	4,390	20,384	4,106,956
Ky.	741,185	1,064,616	1,805,801	7,192	1,812,993	37,965	23,064	61,029	1,874,022
La.	405,994	851,024	1,257,018	44,390	1,301,408	13,464	6,183	19,637	1,321,045
Maine	263,074	154,754	417,828	2,099	419,927	2,432	2,680	5,112	425,039
Md.	428,282	229,185	657,467	3,398	660,865	5,510	1,697	7,207	668,072
Mass.	105,184	108,759	213,943	875	214,818	1,758	979	2,734	217,252
Mich.	840,643	983,013	1,823,656	21,195	1,844,851	19,528	10,326	29,854	1,874,705
Minn.	2,238,799	2,083,735	4,322,534	82,948	4,405,482	43,426	15,290	58,726	4,464,108
Miss.	795,394	918,342	1,713,736	23,853	1,737,589	19,232	18,111	37,343	1,774,932
Mo.	1,677,071	1,193,166	2,870,237	51,183	2,921,420	49,279	18,041	67,320	2,988,740
Mont.	513,788	445,364	959,152	61,445	1,020,597	10,467	1,928	12,395	1,032,992
Nebr.	2,256,396	1,723,374	3,979,770	92,939	4,072,709	16,342	5,820	22,162	4,094,771
Nev.	101,353	45,171	147,124	2,890	149,714	2,662	103	2,765	152,506
N.H.	55,117	23,388	78,505	621	79,124	1,198	1,018	2,216	81,340
N.J.	99,012	232,054	331,066	1,116	332,182	2,400	841	3,241	335,513
N. Mex.	569,334	321,455	790,789	15,112	805,901	6,784	1,606	8,390	814,291
N.Y.	1,200,308	824,815	2,025,123	8,576	2,033,699	18,909	10,643	29,552	2,063,251
N.C.	1,067,827	1,554,421	2,622,248	21,645	2,643,893	36,849	39,816	76,665	2,720,538
N. Dak.	453,311	1,055,999	1,509,310	122,603	1,631,913	13,358	2,395	15,753	1,647,666
Ohio	1,156,710	1,636,905	2,793,615	33,102	2,826,717	25,224	11,139	36,373	2,863,090
Ola.	1,159,715	766,100	1,925,815	84,132	2,009,947	23,701	6,336	30,037	2,039,984
Oreg.	356,328	677,877	1,034,205	23,532	1,057,737	2,802	3,802	24,076	1,081,813
Pa.	1,302,955	600,268	1,903,223	7,476	1,910,699	44,973	6,851	51,824	1,962,523
R.I.	11,241	15,083	26,324	63	26,387	182	82	264	26,651
S.C.	277,238	506,631	783,869	15,712	799,581	10,679	8,561	19,240	818,821
S. Dak.	1,117,067	493,140	1,610,207	94,858	1,705,065	15,363	1,933	17,296	1,722,361
Tenn.	676,016	694,347	1,370,363	12,370	1,382,733	40,806	21,950	62,756	1,445,489
Tex.	3,824,708	3,385,638	7,209,346	157,993	7,367,339	23,897	14,027	37,924	7,405,663
Utah	267,230	96,232	363,462	18,565	382,027	5,871	841	6,712	388,739
Vt.	245,166	21,576	266,742	2,026	268,768	3,000	2,880	5,880	274,648
Va.	559,840	444,516	1,004,356	17,108	1,021,464	19,554	17,729	37,283	1,058,757
Wash.	507,711	1,199,977	1,707,688	58,944	1,766,632	34,277	4,696	38,963	1,805,495
W. Va.	105,474	42,441	147,915	4,507	152,422	15,259	4,688	19,947	172,369
Wis.	2,555,902	595,940	3,151,842	26,338	3,178,180	40,775	21,404	62,179	3,240,359
Wyo.	379,795	72,368	452,163	10,526	462,689	4,990	285	5,275	468,054
U.S.	47,565,093	48,518,941	96,084,034	1,818,879	97,902,913	941,614	382,798	1,324,412	99,227,335

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Economics, Statistics, and Cooperatives Service—Economics.

Table 660.—Personal income: Total and per capita, by residence, United States, 1963-77

Year	Personal income of—					Per capita disposable personal income of—			Per capita disposable income, all sources (farm as percent-age of nonfarm)
	Farm population			Nonfarm population from all sources	Total population	Farm population from all sources	Nonfarm population from all sources	Total population from all sources	
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent
1963.....	11,012	8,958	19,970	443,115	463,085	1,364	2,186	2,128	62.4
1964.....	10,012	9,743	19,755	475,996	495,651	1,394	2,341	2,278	59.5
1965.....	11,968	10,627	22,595	514,436	537,031	1,692	2,480	2,430	68.2
1966.....	12,608	11,205	23,813	561,062	584,875	1,894	2,641	2,597	71.7
1967.....	11,117	11,737	22,854	605,772	626,626	1,925	2,788	2,740	69.0
1968.....	11,271	12,828	24,099	641,121	685,220	2,099	2,976	2,930	70.5
1969.....	12,927	13,929	26,856	718,971	745,827	2,332	3,152	3,110	74.0
1970.....	13,005	14,473	27,478	773,793	801,271	2,520	3,389	3,348	74.1
1971.....	13,494	15,346	28,830	830,262	859,092	2,722	3,629	3,588	75.0
1972.....	16,856	17,781	34,607	907,929	942,536	3,244	3,865	3,837	82.9
1973.....	29,230	19,690	48,920	1,003,820	1,052,440	4,700	4,268	4,285	110.2
1974.....	23,353	21,798	45,151	1,109,785	1,154,936	4,355	4,660	4,647	93.5
1975.....	21,888	22,060	44,548	1,210,938	1,255,486	4,520	5,113	5,058	88.4
1976.....	16,852	24,364	41,216	1,339,638	1,380,884	4,427	6,848	5,508	79.8
1977 <sup>3</sup> .....	18,276	24,684	42,960	1,496,030	1,528,990	4,946	6,949	6,010	81.8

<sup>1</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

<sup>2</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 661.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1963-77<sup>1</sup>

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1963.....	3,063	11.1	17.0	18.3	23.4	14.4	10.9	5.9	2.1	-----	3,435
1964.....	3,098	11.0	15.2	16.5	21.0	15.5	11.9	6.7	2.2	-----	3,558
1965.....	2,953	8.6	14.5	14.0	22.8	16.5	12.5	7.1	4.0	-----	4,119
1966.....	2,897	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	-----	4,841
1967.....	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	-----	5,086
1968.....	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	-----	5,786
1969.....	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6	-----	6,385
1970.....	2,347	5.9	8.2	7.8	16.3	15.9	18.5	17.5	12.2	-----	6,773
1971.....	2,393	5.0	6.1	7.9	15.8	14.9	18.1	19.1	14.2	-----	7,192
1972.....	2,513	3.6	4.0	4.5	13.9	13.1	17.8	21.0	-----	16.8	8,849
1973.....	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	-----	19.4	10,045
1974.....	2,392	-----	7.3	4.0	9.6	11.2	15.4	20.5	-----	22.0	10,612
1975.....	2,200	-----	5.5	3.9	11.0	9.9	16.2	19.9	-----	22.2	10,845
1976.....	2,184	-----	6.7	2.9	8.6	9.8	14.1	19.5	-----	23.5	11,063
1977.....	2,172	-----	8.3	2.2	7.8	9.3	11.5	18.9	-----	24.2	12,637

<sup>1</sup> Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

Economics, Statistics, and Cooperatives Service—Economics. Estimates from P-90 series of the Bureau of the Census.

Table 662.—Farm income: Number of farms and average farm income per farm, United States, 1963-77

Year	Number of farms	Cash receipts from farming			Gross farm income		Production expenses	Net income of farm operators	
		Farm marketings	Government payments	Total	Realized	Total		Realized	Total
	Thousands	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1963.....	3,572	10,491	475	10,966	11,964	12,141	8,845	3,119	3,295
1964.....	3,457	10,788	631	11,429	12,475	12,238	9,203	3,272	3,035
1965.....	3,356	11,729	734	12,463	13,559	13,570	10,026	3,533	3,843
1966.....	3,237	13,356	1,006	14,362	15,521	15,493	11,209	4,312	4,288
1967.....	3,162	13,542	974	14,516	15,771	15,979	12,076	3,695	3,903
1968.....	3,071	14,388	1,127	15,515	16,843	16,883	12,871	3,972	4,013
1969.....	3,000	16,060	1,265	17,325	18,770	18,803	14,038	4,731	4,764
1970.....	2,949	17,138	1,263	18,398	19,961	19,863	15,064	4,797	4,799
1971.....	2,902	18,215	1,084	19,299	20,583	21,365	16,322	4,561	5,042
1972.....	2,860	21,385	1,385	22,780	24,517	24,818	18,292	6,226	6,526
1973.....	2,823	30,842	924	31,766	33,831	35,038	23,224	10,607	11,813
1974.....	2,795	33,077	190	33,267	35,761	35,184	28,835	9,925	9,349
1975.....	2,767	31,879	292	32,171	35,034	36,262	27,417	7,617	8,845
1976.....	2,738	34,515	288	34,783	38,016	37,152	30,304	7,712	6,948
1977 <sup>1</sup> .....	2,706	35,508	672	36,180	39,948	40,101	32,509	7,439	7,592

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 663.—Expenses: Farm production expenses, United States, 1963-77

Year	Feed purchased	Livestock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debt <sup>6</sup>	Net rent to non-operator landlords	Miscellaneous <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963.....	5,090	2,926	619	1,712	3,973	4,696	3,400	1,737	846	1,623	4,376	31,598
1964.....	5,512	2,419	661	1,888	3,931	4,903	3,483	1,798	932	1,635	4,610	31,812
1965.....	5,674	2,912	720	1,994	3,943	5,111	3,694	1,874	1,075	1,886	4,857	33,650
1966.....	6,401	3,544	760	2,210	4,164	5,384	3,683	2,002	1,198	2,023	5,139	36,508
1967.....	6,646	3,431	814	2,429	4,400	5,781	3,735	2,122	1,325	1,862	5,619	38,181
1968.....	6,357	3,676	831	2,434	4,387	6,200	3,920	2,298	1,472	1,989	5,961	39,625
1969.....	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970.....	8,028	4,324	927	2,390	4,539	6,760	4,349	2,596	1,764	2,132	6,615	44,424
1971.....	8,049	5,123	1,072	2,633	4,707	7,350	4,367	2,704	1,905	2,246	7,211	47,367
1972.....	8,397	6,668	1,115	2,690	4,708	7,887	4,594	2,815	2,132	3,491	7,818	52,315
1973.....	13,224	8,065	1,617	3,354	5,229	8,945	5,232	2,888	2,495	5,079	8,836	65,562
1974.....	14,513	8,131	2,082	3,808	6,659	10,563	6,036	3,096	3,044	5,100	10,178	72,210
1975.....	12,647	4,950	2,293	6,383	7,806	12,586	6,357	3,333	3,421	4,600	11,487	78,963
1976.....	14,291	5,871	2,537	6,032	8,778	14,002	6,988	3,607	3,921	4,100	12,878	82,972
1977 <sup>1</sup> .....	13,840	6,736	2,856	6,039	9,510	15,248	7,445	3,809	4,496	3,960	14,940	87,969

<sup>1</sup> Includes bulbs, plants, and trees.<sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.<sup>3</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.<sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.<sup>5</sup> Includes taxes levied against farm real estate and farm personal property.<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.<sup>7</sup> Includes interest on non-real-estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apriary, and other miscellaneous.<sup>8</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 664.—Labor: Total hours used for farm work, by enterprise groups, United States, 1963-77

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops									
		All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poultry <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>6</sup>	Hay and forage <sup>7</sup>	Food grains <sup>8</sup>	Vegetables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	Tobacco	Oil crops <sup>12</sup>
	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.	Md.
1963.....	8,664	3,362	1,236	1,462	491	4,088	580	498	172	418	462	86	647	591	181
1964.....	8,194	3,181	1,191	1,390	459	3,887	503	496	177	403	448	95	573	546	189
1965.....	7,333	2,900	1,107	1,250	444	3,416	502	419	176	407	454	85	482	468	203
1966.....	6,858	2,828	1,092	1,133	438	3,142	496	372	173	404	429	82	308	440	210
1967.....	6,677	2,706	1,078	1,039	426	3,104	517	356	203	406	446	75	240	409	223
1968.....	6,416	2,571	1,050	961	399	3,013	481	343	196	400	432	77	267	350	229
1969.....	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970.....	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971.....	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972.....	5,433	2,108	908	720	328	2,621	376	311	166	346	435	75	239	241	202
1973.....	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974.....	5,178	1,850	812	612	274	2,657	369	298	212	357	470	68	183	261	211
1975.....	4,990	1,700	730	569	251	2,644	376	287	222	355	491	73	106	286	219
1976.....	4,807	1,609	693	531	236	2,576	376	285	236	338	473	69	112	271	197
1977 <sup>13</sup> .....	4,659	1,518	654	493	222	2,539	366	270	206	336	495	61	105	245	225

<sup>1</sup> Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmlands, pastures, general land maintenance, farm business, and other miscellaneous work. Excludes labor used on horses and mules and farm gardens after 1964.

<sup>2</sup> Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.

<sup>4</sup> Chickens, broilers, and turkeys.

<sup>5</sup> Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens (excluded after 1964); and minor crops which are excluded from separate crops shown.

<sup>6</sup> Corn for grain, oats, barley, and sorghum grain.

<sup>7</sup> All hay, corn silage, and sorghum forage and silage.

<sup>8</sup> All wheat, rye, and rice. Buckwheat was excluded after 1964.

<sup>9</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

<sup>10</sup> Fruits, berries, and tree nuts.

<sup>11</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

<sup>12</sup> Soybeans, peanuts, flaxseed, and, from 1959 to 1964, tung nuts.

<sup>13</sup> Preliminary.

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Table 665.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1975-77

State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala.: 1975.....	833,458	149,718	92,181	99,702	Ky.: 1975.....	880,987	124,782	104,459	117,006
1976.....	1,032,615	176,807	99,599	112,173	1976.....	1,015,750	152,172	130,792	148,337
1977.....	1,178,714	188,289	114,510	132,312	1977.....	1,134,333	182,772	150,456	169,690
Alaska: 1975.....	7,704	1,224	1,213	1,100	La.: 1975.....	573,131	110,610	58,649	60,491
1976.....	4,756	988	729	602	1976.....	633,320	125,760	60,827	64,531
1977.....	9,780	1,833	1,346	1,155	1977.....	667,918	124,337	68,438	75,388
Ariz.: 1975.....	329,386	109,317	29,893	1,351	Maine: 1975.....	124,997	14,929	16,316	16,972
1976.....	329,123	104,602	37,615	605	1976.....	124,412	14,364	17,307	17,338
1977.....	361,840	109,970	41,458	1,199	1977.....	124,125	14,253	17,048	16,856
Ark.: 1975.....	577,659	127,735	56,520	65,975	Md.: 1975.....	429,002	54,690	45,974	57,259
1976.....	716,673	156,082	71,808	84,563	1976.....	414,608	57,030	44,014	57,876
1977.....	787,358	172,971	78,422	96,170	1977.....	505,786	70,217	59,667	73,454
Calif.: 1975.....	3,956,097	556,325	164,961	73,616	Mass.: 1975.....	67,066	7,886	5,588	6,049
1976.....	4,340,629	587,084	181,001	61,154	1976.....	71,033	8,803	5,984	6,779
1977.....	4,623,435	596,061	213,158	69,071	1977.....	68,004	9,015	5,872	6,907
Colo.: 1975.....	330,972	110,598	46,136	9,238	Mich.: 1975.....	849,136	136,697	114,514	146,337
1976.....	396,281	128,812	53,801	9,947	1976.....	1,063,817	183,991	144,691	187,285
1977.....	355,566	118,131	43,813	11,002	1977.....	1,195,006	217,448	161,701	219,237
Conn.: 1975.....	57,454	7,698	5,237	5,351	Minn.: 1975.....	1,926,786	450,318	290,000	329,131
1976.....	66,461	8,819	6,552	6,338	1976.....	2,185,578	561,272	321,888	350,598
1977.....	63,586	9,924	5,909	4,776	1977.....	2,058,038	531,019	295,623	390,796
Del.: 1975.....	121,206	14,662	12,319	18,630	Miss.: 1975.....	762,832	187,075	68,213	62,348
1976.....	122,200	16,939	11,991	19,448	1976.....	841,547	202,914	72,059	72,678
1977.....	143,008	20,324	13,000	22,892	1977.....	904,470	190,516	90,232	95,579
D.C.: 1975.....	6,383	1,034	559	460	Mo.: 1975.....	1,341,121	304,782	132,834	153,209
1976.....	6,749	1,055	415	398	1976.....	1,778,568	405,129	203,969	254,451
1977.....	7,572	1,118	489	442	1977.....	1,787,658	406,305	211,435	268,284
Fla.: 1975.....	1,675,571	187,446	87,473	210,668	Mont.: 1975.....	178,973	39,029	43,973	3,155
1976.....	1,940,105	220,351	102,566	242,085	1976.....	256,383	53,982	62,989	5,725
1977.....	2,004,586	248,670	112,701	249,700	1977.....	302,082	64,034	74,294	8,609
Ga.: 1975.....	2,022,670	265,397	131,725	209,870	Nebr.: 1975.....	1,227,330	491,955	110,851	44,236
1976.....	2,339,176	322,263	157,462	246,716	1976.....	1,601,009	652,970	145,530	55,147
1977.....	2,538,631	349,789	180,308	273,855	1977.....	1,576,468	748,938	185,950	69,736
Hawaii: 1975.....	180,704	25,916	20,060	23,307	Nev.: 1975.....	21,284	3,680	2,395	163
1976.....	176,735	25,161	18,092	25,029	1976.....	26,494	4,983	2,857	163
1977.....	191,022	25,720	23,327	23,989	1977.....	28,935	4,777	2,901	159
Idaho: 1975.....	828,656	127,463	70,115	11,591	N.H.: 1975.....	19,575	2,310	2,306	2,396
1976.....	894,934	156,189	65,355	14,535	1976.....	24,508	2,667	3,375	3,181
1977.....	830,298	138,972	61,075	12,631	1977.....	31,068	2,731	2,192	2,904
Ill.: 1975.....	3,414,483	617,847	422,666	531,543	N.J.: 1975.....	206,297	24,609	19,955	19,603
1976.....	3,994,410	634,518	509,022	658,275	1976.....	206,785	25,289	19,632	21,292
1977.....	4,233,746	977,607	587,005	764,339	1977.....	215,191	24,586	21,523	23,170
Ind.: 1975.....	1,881,838	326,306	218,065	318,200	N.Mex.: 1975.....	89,588	29,862	11,239	1,336
1976.....	2,372,924	417,645	282,648	397,468	1976.....	120,824	36,555	16,920	1,704
1977.....	2,907,936	495,734	339,831	522,017	1977.....	109,823	32,283	17,646	1,612
Iowa: 1975.....	2,999,785	746,919	424,512	442,826	N.Y.: 1975.....	558,386	88,553	69,759	70,945
1976.....	3,666,244	1,042,896	463,577	496,290	1976.....	584,472	77,876	73,157	74,841
1977.....	3,208,828	852,350	417,766	478,159	1977.....	605,305	86,756	78,471	81,420
Kans.: 1975.....	1,464,107	567,959	173,840	45,718	N.C.: 1975.....	1,882,483	220,056	143,577	189,686
1976.....	1,632,351	644,970	198,861	48,392	1976.....	2,059,675	254,126	161,517	224,187
1977.....	1,639,960	636,832	198,828	54,701	1977.....	2,058,701	261,778	163,998	233,117

See footnotes at end of table.

Table 665.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1975-77—Continued

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
N. Dak.:	Tons	Tons	Tons	Tons	Utah:	Tons	Tons	Tons	Tons
1975.....	488,943	140,663	108,613	16,460	1975.....	101,284	22,661	20,534	720
1976.....	630,241	201,182	130,927	18,031	1976.....	155,905	33,109	16,617	1,290
1977.....	667,045	223,306	140,665	18,685	1977.....	130,820	27,047	17,133	790
Ohio:					Vt.:				
1975.....	1,736,802	281,708	246,935	281,549	1975.....	51,167	7,002	5,862	6,737
1976.....	1,079,643	355,720	275,418	329,812	1976.....	56,195	7,680	6,542	7,904
1977.....	2,048,287	363,480	287,575	351,311	1977.....	57,616	7,403	6,566	7,335
Okl.:					Va.:				
1975.....	652,411	100,692	88,822	27,954	1975.....	808,471	90,774	68,878	83,687
1976.....	735,560	229,640	103,303	29,291	1976.....	826,474	99,403	71,134	89,432
1977.....	773,994	256,535	113,231	34,253	1977.....	917,220	114,379	78,494	97,476
Oreg.:					Wash.:				
1975.....	438,484	98,908	37,887	14,221	1975.....	691,942	181,154	64,053	23,182
1976.....	526,002	127,708	40,843	18,494	1976.....	756,181	196,097	69,870	27,460
1977.....	545,476	127,191	50,332	25,550	1977.....	708,067	178,144	65,343	30,194
Pa.:					W. Va.:				
1975.....	622,261	78,629	77,170	72,217	1975.....	53,781	6,408	7,363	5,015
1976.....	719,357	95,675	92,702	89,089	1976.....	66,622	8,670	8,924	7,487
1977.....	863,530	96,809	94,696	88,644	1977.....	76,412	10,675	10,845	8,827
R.I.:					Wis.:				
1975.....	14,771	1,551	1,406	1,445	1975.....	947,182	133,414	130,781	236,950
1976.....	16,456	1,871	1,223	1,321	1976.....	1,147,189	171,753	144,348	290,202
1977.....	18,929	2,375	1,634	1,616	1977.....	1,352,237	203,962	165,906	351,835
S.C.:					Wyo.:				
1975.....	798,780	89,567	60,137	62,183	1975.....	53,019	15,611	6,362	1,142
1976.....	929,681	112,624	69,748	112,875	1976.....	69,509	21,015	8,308	969
1977.....	985,174	115,979	77,756	132,977	1977.....	59,631	19,583	6,788	1,076
S. Dak.:					P.R.:				
1975.....	315,766	82,073	55,279	13,306	1975.....	127,580	19,103	7,611	14,154
1976.....	409,276	112,309	66,128	14,491	1976.....	106,736	16,129	6,828	11,547
1977.....	346,111	95,760	55,957	15,035	1977.....	120,064	17,767	6,591	12,874
Tenn.:					Total:				
1975.....	691,636	100,795	79,632	88,299	1975.....	42,484,111	8,600,819	4,506,836	4,453,235
1976.....	742,200	109,065	95,460	109,213	1976.....	49,189,169	10,411,584	5,227,553	5,209,682
1977.....	859,067	131,012	122,439	130,322	1977.....	51,611,568	10,641,898	5,621,760	5,832,984
Tex.:									
1975.....	2,215,082	624,715	223,963	82,047					
1976.....	2,600,805	747,186	263,890	80,551					
1977.....	2,723,488	748,641	277,671	98,686					

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 666.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1963-77<sup>1</sup>

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1963.....	17,187	7.36	14.42	12.52	27,386	14.35	11.22	9.14	1,489
1964.....	18,093	7.61	14.95	12.68	29,206	14.90	11.57	9.35	1,475
1965 <sup>3</sup> .....	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1966.....	19,650	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1967.....	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1968.....	21,294	8.77	16.81	12.67	37,136	18.28	12.00	10.34	1,617
1969.....	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.54	1,296
1970.....	20,961	9.25	17.00	12.70	38,292	19.48	11.95	10.60	1,217
1971.....	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,310
1972.....	21,511	9.91	18.56	12.93	39,896	20.11	12.19	10.85	1,466
1973.....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	2,130
1974.....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	1,878
1975.....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	2,296
1976.....	22,958	10.33	19.29	12.82	46,893	22.20	11.15	11.11	2,534
1977.....	24,087	10.58	19.87	12.78	49,088	21.68	11.45	11.88	

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

<sup>3</sup> Calculations for 1965 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 667.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1975-77

Item	Quantity			Value		
	1975	1976	1977	1975	1976	1977
Phosphate rock sold or used by producers: <sup>1</sup>						
Florida:	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars	1,000 dollars
Soft rock.....	28	32	28	503	580	504
Land pebble.....	37,885	37,353	45,161	926,813	774,517	726,930
Tennessee.....	2,425	1,907	1,874	30,025	15,302	13,779
Other States.....	6,172	5,376	5,181	95,655	61,481	84,231
Total.....	46,510	44,688	52,244	1,052,998	851,880	825,464
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime.....	38	69	21	1,189	2,304	636
Hydrated.....	63	67	70	2,300	2,454	2,486
Limestone pulverized.....	33,845	39,825	31,863	86,880	106,667	93,282
Calcareous marl.....	377	320	190	1,288	1,056	466
Poultry grit.....	1,616	1,979	2,369	10,018	12,371	12,960

<sup>1</sup> Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler; stock and poultry feed; undistributed exports; and other minor uses.

<sup>2</sup> Includes North Carolina sales.

<sup>3</sup> Includes sintered matrix.

<sup>4</sup> Lime from oystershells included with quicklime from limestone.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Interior.

Table 668.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1971-77

Item	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>PRODUCTION</b>							
Calcium arsenate.....	940	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Lead arsenate.....	6,168	5,164	3,948	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Copper sulfate.....	66,296	76,104	86,730	84,184	71,328	64,244	60,200
Aldrin-toxaphene group <sup>3</sup> .....	116,364	141,858	145,584	141,719	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
DDT.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Methyl bromide.....	( <sup>2</sup> )	24,533	29,571	30,452	36,048	35,856	( <sup>2</sup> )
Methyl parathion.....	37,228	51,076	48,900	51,448	53,668	( <sup>2</sup> )	( <sup>2</sup> )
Parathion.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Permethrin.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nabam.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Zineb.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2,4-D acid.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2,4,5-T acid.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other organic pesticides.....	982,227	940,131	1,064,907	1,193,539	1,519,405	1,328,535	( <sup>2</sup> )
<b>IMPORTS</b>							
Pyrethrum flowers (extract crude).....	159	108	83	305	53	180	411
Pyrethrum extract (advanced).....	798	850	841	805	678	697	803
Rotenone-bearing roots.....	2,056	1,469	2,516	3,943	2,214	1,796	871
<b>EXPORTS</b>							
Fungicides <sup>4</sup> .....	43,005	41,946	58,467	60,059	47,872	50,351	54,239
2,4-D and 2,4,5-T, acid basis <sup>5</sup> .....	10,811	6,808	21,214	21,602	12,598	10,733	7,844
Other herbicides.....	73,698	81,127	118,803	168,982	188,138	186,978	203,164
DDT.....	45,134	35,424	73,712	56,376	47,228	25,433	498
Other polychloro insecticides.....	45,167	30,521	81,085	93,703	47,839	45,966	64,315
Organophosphorus insecticides.....	71,134	64,813	77,190	95,568	84,819	68,696	99,581
Other agricultural insecticides <sup>6</sup> .....	65,167	51,459	101,229	109,790	119,290	132,422	121,266
Fumigants.....	43,120	34,611	34,360	31,321	16,343	19,033	14,671
Disinfectants, deodorants, and germicides.....	10,571	10,553	12,445	15,276	12,097	13,981	14,094
Household and industrial insecticides, repellents, and rodenticides.....	11,714	10,822	17,534	18,099	19,609	20,296	22,340

<sup>1</sup> Preliminary.<sup>2</sup> Withheld to avoid disclosure.<sup>3</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, and toxaphene, and terpene polychloro esters.<sup>4</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>5</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."<sup>6</sup> Includes calcium arsenate, lead arsenate, and nicotine sulfate, which were previously listed separately.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

Table 669.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1968-77

Item	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite.....	38,739	81,322	60,817	63,381	65,465	43,404	46,993	41,966	40,368	( <sup>2</sup> )
Fuller's earth.....	148,202	187,426	191,688	180,769	144,380	175,332	179,579	198,327	205,019	( <sup>2</sup> )
Kaolin.....	9,955	25,427	25,807	14,977	28,442	25,750	28,511	32,114	33,631	( <sup>2</sup> )
Bentonite.....	4,821	2,199	2,383	4,963	40,208	35,711	23,853	2,979	2,102	( <sup>2</sup> )
Other clays.....	( <sup>2</sup> )	( <sup>2</sup> )	5,373	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,348	15,561	( <sup>2</sup> )
<b>Used in manufacture:</b>										
Mercury.....	130	102	69	56	70	70	37	23	23	19
<b>Shipments to agriculture:</b>										
Copper sulfate.....	18,596	21,036	14,384	15,556	14,032	19,844	18,972	16,187	13,479	16,485
Zinc sulfate (dry basis).....	17,631	16,424	14,863	13,812	8,602	8,353	8,677	3,579	5,326	6,296

<sup>1</sup> Preliminary.<sup>2</sup> Excludes data withheld to avoid disclosure for pyrophyllite.<sup>3</sup> Data withheld to avoid disclosure.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

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Table 670.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1963-77<sup>1</sup>

Year	BHC <sup>2</sup>	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1963.....	0.75	65.0	12.5	28.6	17.1	34.5	35.5	18.6
1964.....	.75	65.0	14.0	30.9	16.0	34.5	35.5	18.6
1965.....	.75	65.0	15.3	32.5	17.8	33.9	35.0	17.0
1966.....	.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967.....	.68	60.2	18.5	38.9	22.7	32.2	35.7	17.9
1968.....	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.5
1969.....	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970.....	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971.....	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972.....	.65	59.4	23.6	46.7	23.0	36.0	41.0	22.0
1973.....	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974.....	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975.....	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976.....	1.82	99.6	36.6	73.3	47.0	83.0	73.0	34.0
1977.....	2.0	105.0	34.7	69.4	50.0	83.0	73.0	34.0

  

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	Cents	Dollars	Dollars	Cents	Cents	Cents	Dollars	Dollars
1963.....	26.0	1.89	1.62	67.0	84.0	70.0	11.18	1.14
1964.....	26.3	1.85	.95	67.0	86.6	70.8	11.18	.95
1965.....	27.8	1.85	.95	67.0	88.0	74.9	11.18	.95
1966.....	29.0	1.85	.95	67.0	88.0	79.0	11.30	.98
1967.....	30.0	1.41	.95	60.6	78.0	81.0	11.52	1.02
1968.....	29.2	1.30	.95	60.5	62.4	78.4	11.20	1.11
1969.....	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970.....	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971.....	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972.....	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973.....	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974.....	27.5	2.04	* 1.10	34.0	51.5	85.2	11.10	1.12
1975.....	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976.....	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977.....	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12

<sup>1</sup> Average of weekly price quotations.<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.<sup>4</sup> Estimated.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

shipments

1977<sup>1</sup>

Tons

08.....  
 19.....  
 31.....  
 02.....  
 51.....  
 23.....  
 79.....  
 26.....

prior.

## CHAPTER X

# TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

The table showing reported taxable earnings of hired farm workers and taxes paid for Social Security has been discontinued.

**Table 671.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1963-77**

Year	Farm real estate			Farm personal property
	Amount	Taxes per acre		
		Amount	Index (1967 = 100)	
	Million dollars	Dollars		Million dollars
1963.....	1,417.2	1.40	79	320.2
1964.....	1,466.7	1.45	82	331.3
1965.....	1,535.7	1.53	87	338.7
1966.....	1,633.8	1.65	94	367.4
1967.....	1,730.5	1.76	100	385.5
1968.....	1,881.8	1.93	110	402.8
1969.....	2,038.6	2.11	120	388.3
1970.....	2,169.1	2.27	129	402.8
1971.....	2,375.2	2.40	136	409.3
1972.....	2,462.7	2.50	142	424.6
1973.....	2,515.7	2.56	145	<sup>1</sup> 420.1
1974.....	2,651.8	2.70	154	<sup>1</sup> 444.3
1975.....	2,854.7	2.92	166	<sup>1</sup> 478.5
1976.....	3,098.4	3.17	180	508.6
1977 <sup>1</sup> .....	3,271.9	3.35	190	537.1

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 672.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1975 and 1976

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index (1967 = 100)			
	1975	1976	1975	1976	1975	1976	1975	1976
	Million dollars	Million dollars	Dollars	Dollars			Dollars	Dollars
Ala.	7.4	8.0	0.51	0.55	119	130	0.14	0.14
Alaska	.8	.8	4.08	4.22	138	140	1.05	.87
Ariz.	22.5	21.9	2.17	2.22	234	235	.83	.81
Ark.	27.8	30.5	1.63	1.73	148	158	.39	.37
Calif.	346.5	362.5	10.90	11.50	169	177	1.53	1.56
Colo.	41.9	42.7	1.18	1.20	151	154	.89	.82
Conn.	8.6	8.9	16.21	17.07	161	170	.94	.91
Del.	1.3	1.2	1.71	1.79	100	105	.18	.16
Fla.	66.3	66.8	4.78	4.89	175	179	.69	.67
Ga.	42.2	44.4	2.50	2.63	246	256	.61	.64
Hawaii	6.1	5.5	2.67	2.40	186	167	.46	.33
Idaho	30.2	33.4	2.32	2.56	163	179	.61	.62
Ill.	270.9	294.4	9.34	10.15	168	183	1.09	.95
Ind.	87.7	88.2	5.03	5.09	124	125	.69	.67
Iowa	218.3	258.1	6.40	7.57	154	183	.88	.83
Kans.	117.2	122.8	2.36	2.50	140	148	.78	.75
Ky.	30.8	31.7	1.92	1.99	157	162	.44	.39
La.	14.7	15.3	1.25	1.29	116	120	.34	.34
Maine	6.7	7.2	3.93	4.22	154	165	1.14	1.13
Md.	18.0	18.8	6.18	6.48	158	165	.57	.50
Mass.	11.5	12.3	16.80	17.94	186	199	1.73	1.70
Mich.	105.2	121.3	8.51	9.90	252	293	1.51	1.61
Minn.	115.6	131.9	3.79	4.32	143	164	.87	.82
Miss.	19.4	21.1	1.15	1.26	146	160	.30	.33
Mo.	76.2	83.5	2.34	2.56	165	181	.59	.57
Mont.	42.2	43.2	.82	.84	158	162	.60	.61
Nebr.	134.2	153.3	2.88	3.29	181	207	1.00	.91
Nev.	3.2	3.5	.74	.80	163	176	.68	.73
N.H.	3.5	3.8	6.39	7.05	182	201	1.12	1.14
N.J.	18.7	19.9	18.53	19.78	148	158	1.00	.96
N. Mex.	8.0	8.0	.25	.25	127	127	.26	.25
N.Y.	95.7	102.7	8.43	9.05	221	237	1.62	1.62
N.C.	32.9	36.0	2.43	2.68	164	181	.40	.41
N. Dak.	58.5	61.4	1.50	1.55	167	175	.74	.66
Ohio	106.3	111.8	5.79	6.49	176	197	.81	.75
Okl.	45.2	45.8	1.27	1.29	156	158	.41	.38
Ore.	50.8	53.5	2.84	2.99	143	150	1.05	1.03
Pa.	59.0	68.7	5.94	6.92	164	191	.80	.83
R.I.	1.3	1.4	20.13	22.30	198	219	1.28	1.31
S.C.	13.2	13.2	1.70	1.71	181	181	.36	.35
S. Dak.	63.3	64.3	1.65	1.67	178	181	1.04	.94
Tenn.	32.4	35.7	2.12	2.35	217	241	.44	.46
Tex.	185.2	171.0	1.12	1.23	158	174	.44	.44
Utah	14.5	16.1	1.44	1.60	149	165	.62	.61
Vt.	10.3	11.1	5.59	5.95	195	209	1.24	1.22
Va.	27.1	30.7	2.45	2.80	212	243	.44	.45
Wash.	41.7	44.8	3.15	3.39	179	193	.79	.71
W. Va.	3.0	3.3	.63	.71	128	144	.21	.18
Wis.	135.7	149.7	6.98	7.78	193	215	1.58	1.56
Wyo.	11.4	12.2	.45	.48	140	149	.47	.43
U.S.	2,854.7	3,098.4	2.92	3.17	166	180	.78	.74

Economics, Statistics, and Cooperatives Service—Economics.



Table 673.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-77

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple.....	1963-77		16.4		79.2		4.4			
Barley.....	1956-77	50.7	18.2	12.9	5.2	3.2	6.2	0.7	0.5	2.5
Bean, dry edible.....	1948-77	15.9	19.4	28.8	21.9	.9	4.8	1.2	5.6	1.5
Cherry, red tart.....	1963-66		7.7		88.9		3.2			.2
Citrus.....	1951-77		.8		96.6		2.6			.0
Corn.....	1945-77	68.4	4.2	11.9	4.8	1.0	5.7	.7	1.8	.6
Cotton.....	1942-77	26.2	8.7	27.7	12.9	3.0	5.2	14.0	.6	1.6
Flax.....	1945-77	36.2	8.8	26.7	8.0	1.5	7.0	1.3	2.9	7.6
Grain sorghum.....	1959-77	46.2	10.0	13.9	10.3	.8	8.2	9.2	.8	.7
Grape.....	1967-77	.1	4.1	19.6	62.3	.0	13.6			.3
Oat.....	1956-77	45.2	18.1	18.9	5.5	.2	9.5	1.0	.5	1.0
Orange.....	1958-77				100.0					
Pea, dry and green.....	1962-77	36.4	4.2	17.4	24.4	.0	16.0	.0	.3	1.3
Peach.....	1957-77		19.5		78.0		.2			2.3
Peanut.....	1962-77	39.6	.0	30.9	5.3	.5	.6	.5	2.1	.2
Potato.....	1962-69		9.5	28.1	37.0	1.1	3.2	.4	19.6	1.0
Raisin.....	1961-77			100.0						
Rice.....	1958-77	3.3	.5	35.5	19.5	12.8	12.6	.0	12.7	3.0
Safflower.....	1964-66	52.9	41.3	2.3		2.7			.9	
Soybean.....	1955-77	52.5	15.2	22.1	4.6	3.0	2.0	.1	.1	.3
Sugarbeet.....	1965-77	16.0	4.4	24.2	16.6	21.0	8.2	4.3	3.1	2.3
Sugarcane.....	1967-77	16.1		86.3	10.8	2.7	11.8		2.1	.3
Sunflower.....	1976-77	47.3	37.8				2.8	.9	8.1	3.1
Tobacco.....	1945-77	25.4	15.5		35.3	1.3	12.5	.7	5.2	2.4
Tomato.....	1963-77	19.7	11.9	49.5	16.7	.5	.8	.3	.4	.4
Tung nut.....	1965-70				100.0					
Wheat.....	1939-77	44.2	15.7	5.8	12.3	2.7	8.2	4.3	4.7	2.0
All crops.....	1939-77	41.5	10.8	15.9	13.9	2.2	7.0	4.6	2.7	1.5

Federal Crop Insurance Corporation.

## FOOTNOTES FOR TABLE 674

<sup>1</sup> Data for 1977 are preliminary.<sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.<sup>3</sup> The insured's share of the planted area on the farm.<sup>4</sup> Includes a combination of commodities varying by counties.<sup>5</sup> Less than 500 acres.<sup>6</sup> Thousand of tons insured for raisins (not included in total of all commodities).<sup>7</sup> Less than 500 tons.

Federal Crop Insurance Corporation.

Table 674.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1973-77<sup>1</sup>

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Apple:</b>								
1973.....	8	696	10	5,841	637	398	6	835
1974.....	8	888	8	4,560	510	268	4	754
1975.....	8	494	6	3,266	387	56	1	64
1976.....	8	434	5	2,934	302	217	3	416
1977.....	8	476	6	3,484	372	272	4	719
<b>Barley:</b>								
1973.....	192	11,343	805	16,433	1,232	1,486	134	1,062
1974.....	192	8,646	521	11,472	844	2,176	135	1,290
1975.....	199	9,823	606	16,135	1,153	1,399	80	1,234
1976.....	199	9,789	642	21,367	1,515	2,056	107	1,989
1977.....	199	15,954	1,308	40,712	3,087	2,403	194	3,046
<b>Bean, dry edible:</b>								
1973.....	36	3,014	84	5,772	368	475	14	334
1974.....	36	3,272	100	6,869	442	78	2	86
1975.....	36	3,085	95	8,241	514	423	13	421
1976.....	36	2,743	86	8,209	486	312	11	328
1977.....	36	2,191	67	6,501	390	292	10	390
<b>Citrus:</b>								
1973.....	31	5,897	85	24,652	2,568	830	14	1,120
1974.....	27	5,419	88	25,714	2,602	749	16	1,109
1975.....	28	4,866	87	26,628	2,630	803	14	985
1976.....	25	4,415	80	24,671	2,287	2,212	49	6,088
1977.....	25	3,929	72	22,626	2,172	101	1	142
<b>Combined crop:<sup>4</sup></b>								
1973.....	7	3,171	543	13,283	445	325	87	453
1974.....	7	2,904	506	13,105	479	391	63	505
1975.....	9	2,733	458	14,230	519	185	23	316
1976.....	7	2,724	506	16,548	627	219	30	288
1977.....	7	2,953	509	16,649	613	266	43	646
<b>Corn:</b>								
1973.....	600	75,215	3,434	185,782	8,941	3,221	124	2,376
1974.....	613	73,770	3,647	216,400	10,431	22,692	1,106	23,986
1975.....	634	89,585	4,570	352,301	16,570	16,549	836	19,290
1976.....	639	107,840	5,834	560,897	26,196	33,096	1,902	62,809
1977.....	639	116,676	6,270	615,272	30,480	22,098	1,218	56,089
<b>Cotton:</b>								
1973.....	298	10,847	586	50,315	3,061	1,455	64	1,397
1974.....	262	9,374	592	52,888	3,055	3,406	227	6,838
1975.....	264	6,909	438	53,956	3,017	3,278	226	9,710
1976.....	259	7,641	657	86,727	4,500	2,847	301	16,053
1977.....	259	7,265	716	90,181	5,809	1,028	87	2,709
<b>Flax:</b>								
1973.....	83	4,139	185	3,019	349	980	50	431
1974.....	83	4,108	168	3,216	377	1,699	77	734
1975.....	84	4,191	172	4,148	508	1,043	44	500
1976.....	84	2,673	99	2,404	292	1,429	52	737
1977.....	84	4,414	204	5,027	654	1,403	75	937
<b>Grain sorghum:</b>								
1973.....	186	12,191	548	18,063	1,113	459	19	254
1974.....	179	10,812	511	18,588	1,110	2,801	117	1,812
1975.....	190	11,364	602	26,643	1,060	1,354	60	835
1976.....	190	12,224	642	34,665	2,104	1,850	105	1,922
1977.....	190	11,294	560	30,378	1,856	887	42	570
<b>Grape:</b>								
1973.....	8	403	8	4,386	223	141	3	345
1974.....	8	401	8	3,627	226	14	( <sup>b</sup> )	24
1975.....	8	410	8	3,782	229	14	( <sup>b</sup> )	22
1976.....	8	409	8	3,687	222	23	( <sup>b</sup> )	55
1977.....	8	381	8	3,860	231	267	6	889
<b>Out:</b>								
1973.....	263	13,780	339	6,269	384	1,446	41	397
1974.....	260	12,652	313	6,043	374	1,236	45	385
1975.....	265	13,980	366	8,861	573	1,006	31	305
1976.....	265	15,017	413	10,507	666	3,784	141	1,993
1977.....	265	17,204	560	14,515	1,053	819	44	589
<b>Pea, dry and green:</b>								
1973.....	59	1,644	63	3,216	234	390	20	359
1974.....	58	1,971	69	5,302	430	322	8	335
1975.....	63	2,015	73	6,293	508	411	10	421
1976.....	63	1,744	53	4,576	368	369	8	296
1977.....	63	1,698	80	6,445	487	479	43	1,425

See footnotes on page 474.

Table 674.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1973-77 —Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>4</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Peach:</b>								
1973.....	23	462	11	2,043	311	319	8	747
1974.....	19	420	10	2,249	396	170	5	449
1975.....	17	371	10	2,066	352	230	7	502
1976.....	17	338	9	2,102	399	120	3	183
1977.....	17	228	6	1,398	247	71	1	124
<b>Peanut:</b>								
1973.....	65	10,006	184	38,240	2,100	341	7	434
1974.....	65	10,062	190	46,308	2,464	712	13	792
1975.....	75	9,675	183	47,266	2,480	697	11	805
1976.....	75	9,659	187	50,173	2,918	737	15	1,431
1977.....	75	8,021	151	52,431	2,536	686	16	1,431
<b>Raisin:</b>								
1973.....	7	607	* 20	3,711	107	2	(?)	2
1974.....	7	636	* 25	5,466	181	0	0	0
1975.....	7	739	* 29	6,849	204	10	(?)	41
1976.....	7	784	* 30	8,171	229	242	* 11	2,679
1977.....	7	1,513	* 64	20,780	663	1	(?)	6
<b>Rice:</b>								
1973.....	24	261	18	2,503	67	22	1	43
1974.....	24	320	28	4,631	124	24	1	51
1975.....	29	545	69	14,255	453	26	2	105
1976.....	30	563	62	13,159	404	45	3	217
1977.....	30	386	39	8,130	243	41	3	174
<b>Soybean:</b>								
1973.....	609	54,548	2,181	88,606	4,805	2,559	102	1,501
1974.....	625	50,940	1,881	98,863	5,184	7,940	300	5,201
1975.....	639	60,171	2,225	127,465	6,643	3,933	150	2,562
1976.....	643	63,660	2,225	151,824	7,067	12,934	440	8,473
1977.....	643	75,041	2,982	206,538	10,600	3,994	171	3,717
<b>Sugarbeet:</b>								
1973.....	78	1,780	95	14,635	543	234	10	419
1974.....	95	2,273	123	17,659	759	306	20	861
1975.....	100	2,566	142	26,070	1,150	493	32	2,190
1976.....	100	2,323	134	25,350	1,143	219	13	679
1977.....	100	2,155	148	27,976	1,297	107	6	425
<b>Sugarcane:</b>								
1973.....	12	506	34	5,658	152	166	14	424
1974.....	12	508	33	5,494	154	54	3	78
1975.....	13	647	38	5,968	191	56	3	89
1976.....	13	687	41	5,081	250	85	4	160
1977.....	14	498	27	5,674	169	25	2	141
<b>Sunflower:</b>								
1976.....	6	376	28	1,614	96	22	1	34
1977.....	6	1,394	134	7,967	464	27	2	49
<b>Tobacco:</b>								
1973.....	253	95,490	296	284,903	6,506	3,315	10	4,346
1974.....	254	92,357	321	315,539	7,478	2,630	6	2,162
1975.....	254	94,399	384	432,742	10,274	6,839	28	10,882
1976.....	254	95,347	384	505,511	11,986	5,696	24	10,788
1977.....	254	81,909	323	475,194	11,141	11,399	53	33,140
<b>Tomato:</b>								
1973.....	13	68	1	291	18	16	(*)	18
1974.....	8	78	2	471	30	37	1	70
1975.....	8	68	2	504	32	18	1	82
1976.....	8	53	1	309	19	2	(*)	3
1977.....	8	45	1	392	24	3	(*)	19
<b>Wheat:</b>								
1973.....	732	90,728	7,909	229,850	13,366	7,435	982	11,105
1974.....	732	96,708	9,486	284,257	16,337	13,239	1,487	15,834
1975.....	748	103,304	10,364	382,855	23,343	8,117	733	11,968
1976.....	748	106,425	11,450	429,940	26,165	16,999	1,707	24,629
1977.....	749	112,590	11,346	430,131	27,294	19,423	2,498	39,990
<b>Total, all commodities:</b>								
1973.....	3,587	396,743	17,399	1,007,411	47,530	25,095	1,680	28,302
1974.....	3,574	385,536	18,605	1,148,511	53,964	60,343	3,656	63,336
1975.....	3,678	421,610	20,998	1,370,494	73,360	46,640	2,304	63,329
1976.....	3,684	447,857	23,555	1,982,426	90,841	85,523	4,919	142,248
1977.....	3,686	467,275	25,417	2,092,134	101,862	66,179	4,519	147,067

See footnotes on page 474.

Table 675.—Farm-real-estate debt: Amount outstanding by farming regions, Jan. 1, 1963-78<sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1963.....	842,170	1,655,703	3,323,623	1,387,487	1,016,363	922,651
1964.....	893,885	1,798,596	3,753,557	1,612,757	1,124,143	1,021,414
1965.....	967,814	1,975,315	4,268,180	1,893,044	1,255,613	1,143,013
1966.....	1,067,935	2,194,552	4,735,371	2,132,367	1,413,936	1,264,111
1967.....	1,185,263	2,364,346	5,130,383	2,353,776	1,553,069	1,394,113
1968.....	1,237,019	2,506,539	5,707,602	2,663,688	1,709,758	1,530,658
1969.....	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,698,598
1970.....	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971.....	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1972.....	1,629,716	3,157,213	7,231,041	3,520,437	2,248,087	2,075,400
1973.....	1,835,944	3,321,139	7,888,472	3,801,630	2,481,341	2,359,575
1974.....	2,182,926	4,010,632	9,008,827	4,408,702	2,907,534	2,883,829
1975.....	2,562,877	4,516,356	9,882,580	4,717,705	3,573,530	3,465,415
1976.....	2,752,448	4,932,845	11,048,206	5,151,318	3,830,693	3,823,082
1977.....	2,851,665	5,470,493	12,685,406	5,882,549	4,245,752	3,995,671
1978 <sup>2</sup> .....	3,042,228	6,275,265	14,793,109	6,680,788	4,776,589	4,438,758

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1963.....	838,355	1,499,011	1,484,790	2,189,690	15,167,821
1964.....	937,321	1,715,623	1,657,391	2,277,753	16,803,505
1965.....	1,065,544	1,985,475	1,880,689	2,446,464	18,894,240
1966.....	1,217,870	2,231,294	2,124,793	2,788,474	21,186,886
1967.....	1,363,294	2,398,478	2,330,782	3,032,469	23,077,186
1968.....	1,500,675	2,629,680	2,519,122	3,113,519	25,142,401
1969.....	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970.....	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971.....	1,871,631	3,131,062	3,018,002	3,623,050	30,346,063
1972.....	1,977,419	3,280,762	3,200,982	3,885,991	32,207,686
1973.....	2,187,908	3,714,396	3,562,412	4,294,778	35,797,734
1974.....	2,459,145	4,314,397	4,036,787	4,962,602	41,282,870
1975.....	2,726,595	4,916,925	4,373,794	5,686,721	46,288,419
1976.....	2,983,760	5,408,134	4,923,779	6,143,332	51,068,946
1977.....	3,297,995	5,715,707	5,409,803	6,938,445	56,559,645
1978 <sup>3</sup> .....	3,622,324	5,950,101	5,899,050	7,738,617	63,302,316

<sup>1</sup> States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California.

<sup>2</sup> Preliminary. <sup>3</sup> Includes Alaska and Hawaii.

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Table 676.—Farm-real-estate debt: Amount outstanding by lender, United States, Jan. 1, 1963-78

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	Commercial and savings banks <sup>4</sup>	Individuals and others <sup>5</sup>	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1963.....	3,024,013	1,057,923	3,391,183	1,870,216	5,824,496	15,167,821
1964.....	3,281,797	1,171,373	3,780,537	2,136,571	6,433,227	16,803,505
1965.....	3,696,755	1,284,913	4,287,671	2,416,634	7,218,267	18,894,240
1966.....	4,240,227	1,497,313	4,801,677	2,607,404	8,040,265	21,186,886
1967.....	4,914,522	1,663,067	5,213,587	2,770,010	8,516,000	23,077,186
1968.....	5,565,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,401
1969.....	6,061,239	2,054,382	5,763,500	3,332,250	10,166,000	27,397,370
1970.....	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971.....	7,145,383	2,440,043	5,610,300	3,772,377	11,378,000	30,346,063
1972.....	7,879,753	2,618,131	5,564,300	4,218,482	11,927,000	32,207,686
1973.....	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,797,734
1974.....	10,901,352	3,013,440	5,964,800	5,458,278	15,915,000	41,282,870
1975.....	13,402,441	3,214,657	6,297,400	5,966,282	17,407,639	46,288,419
1976.....	15,949,720	3,368,747	6,726,000	6,296,286	18,728,193	51,068,946
1977.....	18,454,878	3,657,467	7,460,200	6,781,410	20,265,990	56,559,645
1978 <sup>6</sup> .....	21,391,162	3,982,035	8,480,149	7,780,261	21,668,689	63,302,316

See footnotes on page 478.

Table 677.—Farm-real-estate debt: Amount outstanding, by States, Jan. 1, 1960, 1965, 1970, 1975, 1977, and 1978<sup>1</sup>

State	1960	1965	1970	1975	1977	1978 <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	157,733	251,621	402,451	634,856	714,705	824,034
Alaska	991	2,535	2,706	4,286	3,175	3,373
Ariz.	117,650	196,238	293,473	397,295	444,247	484,189
Ark.	261,339	449,175	721,809	1,089,211	1,336,063	1,473,945
Calif.	1,340,724	1,704,724	2,383,445	3,904,386	4,675,749	5,235,314
Colo.	242,082	397,969	651,534	1,087,265	1,375,470	1,490,678
Conn.	27,841	32,213	35,426	73,857	74,535	130,800
Del.	13,581	22,277	40,525	76,017	72,747	83,520
Fla.	240,004	419,076	614,323	1,267,807	1,386,573	1,510,364
Ga.	208,599	339,129	584,717	1,148,839	1,372,103	1,539,808
Hawaii	7,838	11,554	17,460	61,613	61,984	73,143
Idaho	238,327	386,156	579,894	875,059	1,109,675	1,226,377
Ill.	597,426	956,337	1,504,747	2,190,726	2,906,439	3,473,340
Ind.	433,558	691,412	1,089,481	1,656,518	2,133,165	2,521,618
Iowa	853,428	1,345,602	2,184,660	3,140,923	3,987,181	4,618,884
Kans.	356,119	584,847	1,025,935	1,544,253	1,906,187	2,221,074
Ky.	228,361	372,290	599,255	982,398	1,238,213	1,421,647
La.	134,817	232,683	452,362	714,120	882,935	971,840
Maine	24,072	36,019	58,389	93,976	100,213	117,941
Md. <sup>2</sup>	85,412	132,042	225,290	376,938	400,983	438,551
Mam.	22,987	27,630	38,944	71,216	84,815	90,881
Mich.	300,938	456,411	666,770	1,066,812	1,273,715	1,442,465
Minn.	561,066	904,065	1,325,479	1,997,148	2,471,880	2,876,599
Miss.	231,220	363,686	624,484	923,264	1,078,997	1,176,838
Mo.	434,800	684,037	1,038,771	1,600,503	1,982,250	2,279,171
Mont.	197,212	364,405	632,912	976,233	1,206,094	1,323,449
Nebr.	353,726	625,436	1,099,564	1,596,989	2,006,865	2,304,784
Nev.	41,738	70,296	85,036	123,122	152,870	167,558
N.H.	8,188	11,063	18,210	32,721	35,504	28,111
N.J.	66,311	80,641	114,558	211,405	231,037	237,848
N. Mex.	132,700	199,046	278,392	377,923	471,839	493,762
N.Y.	303,676	285,845	407,812	759,258	840,225	867,218
N.C.	199,027	292,387	446,287	779,765	1,011,297	1,125,586
N. Dak.	161,913	307,276	520,291	750,006	918,554	1,053,520
Ohio	384,151	590,792	859,905	1,293,910	1,656,371	1,900,098
Okl.	290,670	483,647	774,171	1,295,517	1,629,724	1,744,991
Oreg.	242,889	361,868	510,214	834,542	1,078,640	1,166,582
Pa.	199,660	284,538	403,832	724,620	833,754	918,689
R.I.	2,247	2,983	3,569	5,581	5,943	1,019
S.C.	92,923	135,187	209,163	413,013	523,290	564,552
S. Dak.	227,266	375,485	570,839	836,477	990,643	1,101,586
Tenn.	199,354	330,363	543,688	906,253	1,130,391	1,275,240
Tex.	941,460	1,501,828	2,268,743	3,621,408	4,085,983	4,214,110
Utah	90,364	114,459	139,354	195,380	237,791	265,549
Vt.	37,152	51,965	76,769	137,258	153,909	168,250
Va.	132,491	209,361	345,604	584,888	719,431	787,414
Wash.	242,673	378,872	579,606	947,793	1,184,047	1,336,721
W. Va.	35,670	51,212	71,404	120,246	146,420	166,902
Wis.	433,184	614,839	852,801	1,452,396	1,724,898	1,956,210
Wyo.	94,667	155,420	234,762	341,917	411,717	457,488
U.S.	12,082,409	18,894,240	29,182,766	46,288,819	56,559,645	63,302,316

<sup>1</sup> Preliminary.<sup>2</sup> Includes District of Columbia.

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## FOOTNOTES FOR TABLE 676

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>3</sup> Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.<sup>4</sup> Includes all operating commercial, savings, and private banks.<sup>5</sup> Estimated by EBCS.<sup>6</sup> Preliminary.

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## FARM-REAL-ESTATE DEBT

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Table 678.—Farm-real-estate debt: Amount outstanding by lender, by States, Jan. 1, 1977 and 1978

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>4</sup>		All banks		Individuals and others <sup>3</sup>	
	1977	1978	1977	1978 <sup>5</sup>	1977	1978	1977	1978	1977	1978 <sup>6</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	276,581	327,074	46,000	51,556	80,684	84,841	161,193	191,634	149,967	169,229
Alaska	2,050	2,115			413	400	712	849		
Ariz.	55,046	62,783	124,700	135,471	28,746	33,224	4,244	13,160	221,611	236,581
Ark.	338,688	371,725	284,900	322,985	116,856	126,366	230,484	234,674	365,135	368,285
Calif.	1,164,870	1,326,987	1,108,200	1,266,583	30,633	36,088	203,487	245,616	2,168,559	2,360,100
Colo.	549,307	667,832	249,800	274,670	69,308	73,110	37,632	39,748	460,426	485,518
Conn.	42,799	100,734	800	616	3,652	3,896	5,764	3,602	21,520	21,982
Del.	31,570	37,700	1,400	1,304	6,985	8,891	16,614	20,204	17,078	17,421
Fla.	605,013	647,065	294,700	303,258	32,496	35,079	121,206	148,107	333,036	375,535
Ga.	736,932	803,592	96,900	150,218	70,647	80,203	314,757	333,293	182,967	172,502
Hawaii	47,810	50,030	4,700	5,000	6,619	7,154	3,147	4,439		
Idaho	485,525	523,200	139,900	161,313	134,208	148,840	14,014	14,439	366,028	378,576
Ill.	949,439	1,245,497	374,000	448,572	106,639	117,515	445,210	520,659	1,081,151	1,141,097
Ind.	668,529	804,878	203,100	270,673	83,328	90,484	434,038	506,934	764,170	848,649
Iowa	1,013,620	1,245,075	491,900	617,411	135,614	166,405	283,995	330,094	2,042,152	2,250,896
Kans.	777,110	917,988	318,000	370,556	126,495	138,500	163,730	202,975	580,852	591,168
Ky.	367,966	431,442	82,400	90,616	103,703	113,914	351,064	404,311	333,480	381,164
La.	318,425	366,281	204,000	218,431	54,401	59,848	134,929	157,682	171,180	172,648
Maine	27,342	30,361	4,700	6,489	51,870	53,734	7,335	9,030	17,966	18,327
Md.	149,132	165,217	5,300	8,412	16,578	18,695	66,419	70,203	172,554	176,024
Mass.	32,063		1,300	7,890	3,337	3,306	23,614	13,712	24,481	24,973
Mich.	443,921	524,561	49,400	50,304	62,617	72,116	172,005	197,826	545,772	597,628
Minn.	686,712	861,263	225,200	282,250	130,807	153,676	225,269	254,406	1,300,892	1,314,996
Miss.	536,077	573,065	223,400	250,130	121,797	128,185	190,360	225,065	198,363	200,064
Mo.	857,678	967,039	224,600	282,222	177,813	193,193	381,126	460,531	611,033	676,186
Mont.	426,311	493,521	166,300	185,424	81,161	90,622	33,605	27,725	508,717	526,157
Nebr.	628,338	776,250	383,900	482,466	161,220	182,228	81,377	96,392	734,030	767,418
Nev.	41,428	51,502	47,300	48,365	6,527	7,688	1,780	2,274	85,835	87,749
N.H.	15,052		1,800	8,642	3,715	3,664	7,534	8,253	7,403	7,552
N.J.	98,546	100,232	4,500	4,712	10,410	10,973	14,227	16,299	103,354	105,432
N. Mex.	155,554	162,192	77,300	83,113	31,061	34,035	22,856	24,066	184,048	190,357
N.Y.	338,257	337,314	11,000	14,873	62,967	72,062	117,730	126,471	310,262	316,498
N.C.	535,225	615,843	87,200	91,861	101,903	111,491	108,683	104,967	176,286	201,494
N. Dak.	381,916	483,671	23,700	40,144	179,896	185,574	71,589	67,730	281,753	286,401
Ohio	543,961	655,489	192,900	113,240	44,014	47,715	378,627	432,066	588,869	651,657
Okl.	535,472	604,728	177,700	192,735	158,681	171,259	182,407	213,285	567,464	582,976
Ore.	289,699	336,487	192,200	189,526	46,824	51,892	24,407	16,791	828,519	871,938
Pa.	240,637	365,437	22,500	27,069	43,756	48,729	360,133	308,374	266,728	272,060
R.I.	4,276				369	309	901	907	397	403
S.C.	375,114	402,239	17,300	15,298	51,558	56,667	40,395	46,652	38,723	43,696
S. Dak.	367,940	430,173	84,700	96,851	206,294	238,890	35,699	44,210	296,010	301,266
Tenn.	351,737	385,110	35,400	44,833	97,533	105,970	300,417	334,649	345,304	394,678
Tex.	1,193,669	1,276,689	703,100	687,306	181,555	195,888	383,642	443,547	1,823,517	1,610,678
Utah	76,522	85,589	18,500	16,099	36,034	38,510	16,677	19,102	93,058	96,249
Vt.	58,093	66,076	200	145	28,546	29,220	23,661	26,478	45,490	46,322
Va.	320,727	346,316	26,800	32,837	37,763	41,900	123,850	137,464	200,261	228,897
Wash.	317,504	378,048	287,400	327,817	72,097	77,964	35,345	39,527	471,701	513,365
W. Va.	25,636	30,502	3,000	4,988	20,621	22,491	67,655	75,194	29,506	33,727
Wis.	379,054	463,901	71,100	80,486	157,456	166,133	433,080	497,457	683,306	748,223
Wyo.	100,917	120,599	86,900	112,747	41,693	43,906	13,974	15,542	159,233	164,601
U.S.	18,454,578	21,391,162	7,400,200	8,480,149	3,657,467	3,982,053	6,781,410	7,780,261	20,265,990	21,668,689

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Preliminary.<sup>4</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>5</sup> Estimated by ESCS, USDA.<sup>6</sup> Includes District of Columbia.

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Table 679.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1976-78<sup>1</sup>

State and Territory	Farm-real-estate loans					Non-real-estate farm loans				
	1976		1977		1978	1976		1977		1978
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
Ala.....	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	164,171	156,566	161,193	161,821	161,834	199,110	246,930	231,615	292,233	276,000
Alaska.....	1,190	1,074	712	181,460	849	690	987	41	588	34
Aris.....	2,885	3,539	4,244	16,161	13,160	304,554	295,418	269,992	266,992	294,814
Ark.....	233,601	230,485	230,484	270,170	284,674	279,532	330,794	305,841	400,080	372,546
Calif.....	304,300	198,933	203,487	215,345	245,616	1,614,333	1,876,326	1,880,203	2,010,198	2,019,538
Colo.....	28,204	30,467	37,632	40,104	39,748	529,638	598,941	654,920	701,698	695,976
Conn.....	17,444	6,226	5,764	6,540	3,602	10,564	7,131	11,754	8,905	16,898
Del.....	32,856	21,224	16,614	18,914	20,204	5,561	7,030	7,194	11,902	12,632
Fla.....	142,703	119,387	121,208	138,516	148,107	147,635	135,035	160,846	156,465	168,022
Ga.....	329,118	316,254	314,757	343,651	333,293	233,194	295,692	272,840	348,382	302,892
Hawaii.....	3,230	5,958	3,147	8,288	6,430	9,732	8,090	14,025	12,557	15,366
Idaho.....	10,698	13,322	14,014	14,462	14,439	344,384	409,987	401,935	412,486	384,207
Ill.....	364,193	401,186	445,210	485,155	520,659	1,351,698	1,391,839	1,598,135	1,731,267	1,816,611
Ind.....	359,504	391,545	434,038	479,356	509,934	553,466	606,824	643,642	744,078	759,556
Iowa.....	234,033	259,903	283,895	311,980	330,094	2,031,717	2,162,224	2,422,787	2,562,819	2,784,280
Kans.....	141,576	149,442	163,730	187,245	202,975	1,302,229	1,398,403	1,561,674	1,602,965	1,681,896
Ky.....	337,542	334,317	361,084	381,535	404,311	320,269	337,450	335,193	382,730	396,440
La.....	123,329	129,070	134,929	145,727	157,632	177,036	206,830	187,095	252,775	232,348
Maine.....	12,165	7,235	7,335	9,489	9,039	16,315	12,096	16,239	13,177	18,674
Md.....	79,971	71,453	66,419	70,820	70,203	47,726	49,152	54,680	59,741	59,814
Mass.....	25,309	21,109	23,614	12,930	13,712	10,192	7,787	9,183	11,008	10,386
Mich.....	159,447	161,749	172,005	185,849	197,826	281,868	328,887	324,038	387,710	377,322
Minn.....	198,550	210,386	225,289	242,405	254,405	1,077,603	1,171,042	1,304,068	1,335,958	1,337,567
Miss.....	185,857	186,966	199,360	212,206	225,065	235,382	246,014	244,474	281,293	284,548
Mo.....	337,549	338,696	381,126	427,807	460,531	746,139	840,620	896,596	982,387	996,548
Mont.....	24,763	23,824	25,603	25,578	27,725	363,642	430,816	450,600	478,860	463,688
Nebr.....	62,919	74,140	81,377	94,179	96,392	1,409,063	1,578,685	1,755,772	1,900,023	1,882,940
Nev.....	704	766	1,780	2,317	2,274	14,261	17,824	15,340	19,193	23,771
N.H.....	7,063	7,374	7,534	7,659	8,253	3,342	3,400	3,333	2,860	2,813
N.J.....	20,338	20,397	14,227	13,458	16,299	8,912	11,227	9,680	13,784	11,014
N. Mex.....	18,969	22,757	23,856	25,744	24,066	154,730	171,631	189,882	185,841	170,062
N.Y.....	121,132	112,227	117,739	123,707	126,471	281,432	263,069	306,161	349,560	357,948
N.C.....	90,635	89,578	109,683	114,708	104,697	173,956	290,444	216,184	354,923	283,211
N. Dak.....	64,717	69,361	71,359	80,071	67,730	323,386	547,161	586,682	613,194	576,374
Ohio.....	329,726	353,746	376,627	408,617	432,006	315,264	342,332	347,070	408,357	409,633
Okl.....	168,193	175,546	192,407	203,560	213,283	788,147	838,131	871,796	910,341	977,615
Oreg.....	15,639	16,260	24,407	15,820	16,791	176,801	225,841	227,814	259,123	241,980
Pa.....	238,753	251,205	260,133	282,771	305,374	287,086	244,408	248,170	253,356	275,687
R.I.....	1,461	828	901	809	907	775	303	105	239	313
S.C.....	35,559	39,441	40,395	45,419	46,652	53,307	77,663	63,394	94,763	73,286
S. Dak.....	34,262	36,110	35,699	42,761	44,210	686,983	691,058	716,747	762,945	792,686
Tenn.....	285,427	281,331	300,417	325,764	334,649	229,426	247,312	246,294	295,780	295,880
Tex.....	401,907	376,598	383,642	426,455	443,547	1,571,300	1,719,670	1,818,923	1,999,341	1,923,962
Utah.....	14,718	15,587	15,677	19,726	19,102	80,969	90,751	101,795	107,051	107,844
Vt.....	23,649	23,252	23,661	24,891	25,478	18,183	17,040	18,736	20,600	20,322
Va.....	121,631	117,197	123,850	131,676	137,464	156,825	166,598	149,057	183,060	169,494
Wash.....	29,839	33,389	35,345	34,286	39,527	330,391	436,007	423,341	505,724	476,838
W. Va.....	60,378	63,781	67,565	68,474	78,194	30,597	28,538	28,778	32,298	33,396
Wis.....	381,925	406,267	433,980	469,684	497,457	811,357	844,722	876,954	844,018	860,121
Wyo.....	11,535	12,876	13,974	15,437	15,542	190,806	225,666	223,601	238,562	219,299
U.S.....	6,296,286	6,412,237	6,781,410	7,409,564	7,780,261	20,189,536	22,175,318	23,282,512	25,643,660	25,708,808
P.R.....	146,489	8,276	7,423	2,781	1,489	6,451	7,497	9,569	134,570	9,668
Other possessions <sup>2</sup>	47	150	0	0	0	0	83	43	57	41
Total.....	6,442,822	6,420,663	6,788,833	7,412,345	7,781,750	20,195,987	22,182,898	23,292,124	25,778,287	25,718,855

<sup>1</sup> Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

<sup>2</sup> Includes District of Columbia.

<sup>3</sup> Mariana Islands, Samoa (American), and Virgin Islands.

Economics, Statistics, and Cooperatives Service—Economics. Data from Federal Deposit Insurance Corporation.



Table 680.—Farm-real-estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1963-78<sup>2</sup>

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963	5.2	4.9	5.1	5.0	5.5	5.7	5.7	5.2	5.2	5.6	5.3
1964	5.3	4.9	5.2	5.1	5.5	5.7	5.8	5.3	5.3	5.5	5.3
1965	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
1966	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.6	5.6
1968	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.7	5.7
1969	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.8
1970	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.1
1973	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.2
1974	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.5
1975	7.1	6.6	6.7	6.5	7.3	7.5	7.0	6.8	6.7	6.7	6.9
1976	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.1
1977	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.2
1978 <sup>3</sup>	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.5

<sup>1</sup> For States included in regions, see footnote 1, table 675.<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 681.—Farm-real-estate debt: Interest charges payable on debt outstanding, by farming regions,<sup>1</sup> 1963-77<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	48,901	84,897	181,323	78,820	58,777	55,910
1964	49,332	85,409	208,219	80,829	65,820	62,498
1965	54,321	104,055	236,168	104,403	75,645	69,710
1966	60,000	115,048	261,121	117,043	84,358	77,619
1967	65,396	124,382	282,006	133,227	97,500	87,150
1968	70,589	134,298	331,720	155,034	102,987	97,442
1969	77,615	143,364	367,845	175,039	114,410	108,692
1970	85,627	157,595	393,629	189,439	125,676	120,188
1971	94,863	170,663	422,508	203,442	138,141	132,681
1972	113,063	202,949	454,787	217,899	181,297	148,593
1973	135,958	235,930	527,457	250,343	179,583	181,039
1974	167,337	283,294	617,131	292,038	230,519	231,113
1975	193,368	322,662	719,937	327,925	266,815	280,002
1976	206,902	362,192	847,501	382,137	306,241	303,077
1977 <sup>3</sup>	216,634	420,183	967,038	447,776	336,482	325,547

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	80,735	87,469	82,860	123,296	846,397
1964	87,888	101,693	94,185	128,597	951,570
1965	66,186	113,963	107,730	142,273	1,075,320
1966	74,887	126,636	120,905	150,237	1,197,928
1967	84,628	140,751	133,475	170,042	1,324,680
1968	95,946	158,206	147,065	177,676	1,472,048
1969	109,289	175,600	161,115	190,555	1,624,827
1970	119,192	189,547	173,905	207,014	1,763,471
1971	126,688	205,362	187,612	223,737	1,908,481
1972	129,437	206,585	203,442	249,416	2,077,979
1973	149,471	281,710	236,166	290,827	2,445,281
1974	175,604	308,802	274,822	349,640	2,924,680
1975	202,394	383,428	317,188	404,468	3,293,185
1976	227,727	387,251	382,211	461,505	3,851,845
1977 <sup>3</sup>	256,661	407,825	404,818	532,930	4,351,821

<sup>1</sup> For States included in regions, see footnote 1, table 675.<sup>2</sup> Estimated as payable during calendar year.<sup>3</sup> Preliminary.<sup>4</sup> Includes Alaska and Hawaii beginning 1965.

Economics, Statistics, and Cooperatives Service—Economics.

Table 682.—Non-real-estate farm loans: Amount outstanding Jan. 1 and loans made during the year, by specified lender, United States and Territories, 1963-78<sup>1</sup>

Year	Banks and associations supervised by Farm Credit Administration				Farmers Home Administration			Rural Electrification Administration *				Commodity Credit Corporation <sup>1</sup>	
	All operating banks <sup>2</sup>	Production credit banks to, and dis- and other credit institutions <sup>3</sup>			To individuals			Loans to cooperatives			Telephones <sup>11</sup> (a) (12)	Loans to farmers held by CCC	Loans to cooperatives held by CCC
		Production credit banks <sup>3</sup>	Federal intermediate credit banks <sup>4</sup>	Banks for credit to cooperatives <sup>5</sup>	Operating loans <sup>6</sup>	Emergency loans <sup>7</sup>	Economic opportunity loans <sup>8</sup>	Electric <sup>9</sup>	Telephone <sup>10</sup>				
Outstanding Jan. 1													
1963	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
5,992,408	1,855,132	111,209	734,894	504,617	55,529	2,083,399	247,953	214,366	453,612	932,153	743,208		
6,669,394	2,123,403	129,252	840,122	542,867	57,800	2,080,173	282,770	237,183	504,773	1,105,333	1,031,598		
7,005,332	2,295,248	131,751	937,826	589,902	57,800	2,980,720	352,770	238,739	644,796	1,029,448	1,280,538		
7,689,718	2,698,460	146,091	1,055,163	620,691	65,774	3,044,451	305,770	290,035	681,044	1,845,066	1,204,053		
8,547,882	3,042,333	162,473	1,289,819	627,954	71,662	46,022	319,860	295,233	619,126	1,845,066	928,157		
9,283,160	3,550,971	181,781	1,506,353	662,607	90,794	3,593,118	390,786	276,275	703,216	1,845,066	965,449		
9,734,256	3,861,179	183,100	1,576,960	669,407	90,794	4,047,624	424,685	270,814	703,216	1,845,066	965,449		
10,339,795	4,533,205	224,425	1,731,972	660,368	70,451	3,785,256	424,685	270,814	703,216	1,845,066	965,449		
11,116,109	5,334,416	222,099	2,029,864	677,175	71,947	4,047,624	424,685	270,814	703,216	1,845,066	965,449		
12,854,339	6,115,824	238,931	2,015,891	685,468	75,405	4,312,091	511,969	268,434	812,682	1,845,066	1,037,381		
14,371,516	6,835,025	335,297	2,297,805	690,181	73,295	4,827,045	550,879	268,434	877,430	1,845,066	1,170,583		
17,171,516	7,832,398	333,207	2,574,748	777,782	81,864	5,052,742	607,961	269,300	930,863	1,845,066	1,170,583		
18,249,987	9,900,949	403,402	3,575,483	922,067	108,965	5,611,154	693,457	269,300	1,018,584	1,845,066	1,170,583		
20,165,987	10,525,953	372,860	3,975,861	1,026,091	782,209	6,162,049	779,610	270,700	1,148,756	1,845,066	1,170,583		
23,292,124	12,207,052	385,185	5,061,660	1,033,648	842,215	8,281	869,400	284,969	1,279,155	1,845,066	1,170,583		
25,718,626	13,584,981	395,467	5,731,719	1,077,517	2,066,770	5,708	983,977	313,322	1,382,884	1,845,066	1,170,583		



Table 683.—Interest rates: Selected series, United States, 1963-77

Year	Federal land banks		Production credit associations, average cost of loans <sup>1</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) <sup>4</sup>	Federal Reserve bank discount rates, New York <sup>5</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>3</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963.....	5.60	4.17	6.30	4.15	3.66	4.00-5.50	3.87	3.55	3.00-3.50
1964.....	5.60	4.19	6.47	4.62	4.15	4.25-5.50	4.07	3.97	3.50-4.00
1965.....	5.60	4.31	6.58	4.87	4.40	4.25-5.75	4.49	4.38	4.00-4.50
1966.....	5.82	4.84	6.87	5.53	5.84	4.75-6.00	6.12	5.85	4.50-5.00
1967.....	6.02	5.02	7.29	5.98	5.16	5.25-6.00	5.60	5.10	4.00-4.50
1968.....	6.84	5.41	7.34	6.41	6.11	5.75-6.50	6.03	5.90	4.50-5.50
1969.....	7.82	6.21	7.79	7.23	7.85	6.25-8.50	8.23	7.83	5.50-6.00
1970.....	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.50-6.00
1971.....	7.86	6.45	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.50-5.50
1972.....	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.73	4.50
1973.....	7.48	6.59	6.09	7.31	7.85	5.50-9.50	8.75	8.15	5.00-7.50
1974.....	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.75-8.90
1975.....	8.69	7.60	8.91	8.14	6.85	7.25-10.50	7.03	6.33	6.00-7.75
1976.....	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.25-6.00
1977.....	8.39	7.37	7.88	6.94	6.53	6.50-8.00	6.76	5.60	5.25-6.00

<sup>1</sup> Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

<sup>2</sup> Weighted average net cost to banks of bonds outstanding at end of year.

<sup>3</sup> Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>4</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>5</sup> Excludes rates on loans secured by CCC documents.

<sup>6</sup> Board of governors of Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

<sup>7</sup> Board of governors of Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economics, Statistics, and Cooperatives Service—Economics, and Farm Credit Administration.

Table 684.—Non-real-estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1963-78

Year	Debt owed to reporting institutions (excluding CCC)					Debits owed to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>1</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963.....	5,980	1,839	110	556	8,484	5,680	14,164	2,058	16,219
1964.....	6,532	2,108	126	594	9,477	6,180	15,657	1,926	17,583
1965.....	6,990	2,278	123	644	10,036	6,330	16,366	1,543	17,909
1966.....	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470
1967.....	8,534	3,016	157	738	12,444	7,350	19,794	1,157	20,951
1968.....	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254
1969.....	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970.....	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971.....	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972.....	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906
1973.....	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587
1974.....	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884
1975.....	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545
1976.....	20,160	10,773	350	1,772	33,056	6,350	39,406	358	39,764
1977.....	23,283	12,233	368	1,877	37,761	7,300	45,061	1,012	46,073
1978 <sup>2</sup> .....	25,709	13,508	374	3,141	42,732	8,250	50,982	4,489	55,471

<sup>1</sup> Loans to and discounts for livestock loan companies and agricultural credit corporations.

<sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

## FARM CREDIT SYSTEM

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Table 685.—Farm Credit System: Loans and discounts made, United States, 1963-77<sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	742,860	3,550,765	282,186	1,019,194	5,595,035
1964.....	998,081	3,705,186	275,796	1,165,513	6,144,586
1965.....	1,238,184	4,135,519	295,518	1,316,229	6,982,420
1966.....	1,337,280	4,813,178	331,080	1,664,844	8,166,382
1967.....	1,267,586	5,427,751	356,584	1,745,449	8,825,370
1968.....	1,101,322	6,082,907	406,768	1,802,226	9,398,223
1969.....	1,185,895	7,077,351	504,533	1,942,213	10,689,962
1970.....	1,016,820	8,276,660	621,430	2,476,077	12,390,987
1971.....	1,555,008	9,421,290	640,654	2,730,148	14,347,100
1972.....	2,251,035	10,438,649	682,747	3,360,753	16,743,184
1973.....	3,284,680	13,038,446	856,691	6,388,950	23,568,767
1974.....	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975.....	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976.....	4,700,861	18,327,314	830,390	10,820,401	34,678,945
1977.....	5,730,118	20,147,831	849,423	12,376,751	39,004,123

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Includes renewals.

Farm Credit Administration.

Table 686.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1963-78<sup>1</sup>

Year	Federal land banks	Federal intermediate credit banks' loans to and discounts for—		Banks for cooperatives	Production credit associations	Net total
		Production credit associations and banks for cooperatives	Other financing institutions			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	3,051,973	1,728,721	111,209	734,894	1,855,132	5,753,208
1964.....	3,309,883	1,980,649	129,292	840,122	2,123,403	6,402,700
1965.....	3,718,170	2,115,077	131,751	957,828	2,296,248	7,103,998
1966.....	4,380,675	2,369,702	146,091	1,655,163	2,595,460	8,080,289
1967.....	4,937,896	2,761,231	162,473	1,386,819	3,042,333	9,422,461
1968.....	5,809,265	3,229,366	181,781	1,506,383	3,550,071	10,848,400
1969.....	6,126,369	3,471,207	183,100	1,576,960	3,861,179	11,747,608
1970.....	6,714,172	4,080,225	224,425	1,731,971	4,533,205	13,203,773
1971.....	7,187,140	4,751,087	222,069	2,029,864	5,334,495	14,773,598
1972.....	7,918,185	5,429,619	238,931	2,013,491	6,115,524	16,286,131
1973.....	9,104,930	5,841,218	252,681	2,297,808	6,836,076	18,291,492
1974.....	11,073,276	6,885,071	333,207	2,576,748	7,889,354	21,842,785
1975.....	12,863,782	8,472,487	403,402	3,576,483	9,560,540	27,403,288
1976.....	16,563,888	9,637,031	572,860	3,978,861	10,825,963	31,741,570
1977.....	19,128,749	10,942,256	385,185	8,061,669	12,297,052	38,870,655
1978.....	22,137,172	12,079,618	395,497	8,731,719	13,584,981	41,840,369

<sup>1</sup> Includes Puerto Rico.

Farm Credit Administration.

Table 687.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1977 and outstanding Jan. 1, 1978, and number of associations, Jan. 1, 1978, by States

State <sup>1</sup> and Territory	Federal land bank associations, Jan. 1, 1978	Federal land bank loans			
		Loans made during 1977		Loans outstanding Jan. 1, 1978	
		Number	1,000 dollars	Number	1,000 dollars
Ala.	13	1,668	101,380	11,095	380,478
Alaska		38	1,946	179	7,482
Ariz.	1	72	13,947	697	62,088
Ark.	11	1,301	94,844	8,811	280,589
Calif.	26	2,401	346,871	15,987	1,329,945
Colo.	12	1,195	134,270	9,077	616,795
Conn.	1	70	6,319	2,343	110,700
Del.	1	105	9,878	722	39,763
Fla.	7	949	105,258	7,231	690,129
Ga.	15	2,838	175,312	20,904	864,830
Hawaii	1	48	5,102	210	81,676
Idaho	11	1,861	115,034	10,688	832,638
Ill.	17	3,402	460,844	20,498	1,255,473
Ind.	25	2,007	247,535	18,900	811,655
Iowa	22	3,173	376,708	26,454	1,286,337
Kans.	18	3,039	240,027	22,542	921,207
Ky.	11	1,642	129,675	9,481	440,308
La.	9	892	99,094	7,773	378,205
Maine	2	98	9,037	707	32,906
Md.	8	371	34,851	2,837	174,721
Mass.		38	2,837		
Mich.	14	2,654	194,732	16,890	866,696
Minn.	20	3,915	311,609	23,895	882,335
Miss.	12	976	89,586	9,753	389,732
Mo.	14	2,615	176,033	17,475	677,080
Mont.	10	1,022	106,486	7,723	496,917
Nebr.	12	2,486	244,937	16,949	782,128
Nev.	1	101	18,326	502	51,787
N.H.		23	1,789		
N.J.	3	122	11,339	1,838	107,405
N. Mex.	4	221	21,069	2,222	163,387
N.Y.	12	1,002	57,111	9,960	283,150
N.C.	15	3,677	162,868	25,361	710,363
N. Dak.	9	2,034	186,951	10,580	494,515
Ohio	20	2,513	202,488	13,210	690,903
Okla.	12	2,019	140,940	13,075	613,770
Oreg.	10	1,016	87,999	6,229	341,972
Pa.	9	885	58,446	6,451	284,115
R.I.		9	68		
S.C.	9	1,930	75,854	12,123	441,682
S. Dak.	9	1,232	105,315	13,130	433,884
Tenn.	14	2,007	110,788	12,930	436,306
Tex.	65	2,901	206,414	34,150	1,283,738
Utah	4	429	37,393	2,303	96,572
Vt.	2	101	6,749	1,746	72,225
Va.	8	1,036	67,484	8,251	371,248
Wash.	9	1,146	99,541	8,007	397,407
W. Va.	2	276	10,342	1,306	35,704
Wis.	15	2,163	180,826	11,231	473,081
Wyo.	1	276	32,034	2,056	124,518
U.S.	523	67,175	5,715,166	486,090	22,056,075
P.R.	1	302	14,952	2,812	81,067
Total	524	67,477	5,730,118	488,911	22,137,172

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

Table 688.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1978, loans made during 1977, and loans outstanding on specified dates, 1977 and 1978, by States

State and Territory	Production credit associations Jan. 1, 1978	Members having outstanding loans Jan. 1, 1978	Loans made during 1977 <sup>1</sup>	Loans outstanding		
				1977		1978
				Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	8	5,011	228,214	157,095	189,855	182,290
Aris.	2	787	238,561	81,243	104,238	114,280
Ark.	14	8,623	524,776	311,007	352,581	298,492
Calif.	22	9,836	1,827,408	846,469	972,470	1,041,323
Colo.	8	2,880	579,760	295,366	299,995	288,996
Conn.	1	1,014	19,985	40,096	38,186	39,709
Del.	1	807	22,657	19,737	25,806	26,060
Fla.	9	4,998	306,711	329,530	346,097	361,771
Ga.	21	11,828	889,803	460,169	597,348	537,717
Hawaii	1	181	20,164	11,301	11,968	14,883
Idaho	5	3,509	404,231	226,423	233,910	233,273
Ill.	17	9,775	761,383	428,053	471,926	499,115
Ind.	10	18,454	980,240	861,841	667,338	675,528
Iowa	16	8,792	1,291,531	604,092	657,842	682,104
Kans.	14	3,903	668,352	304,918	320,938	318,023
Ky.	9	26,078	731,539	805,566	874,580	601,803
La.	8	4,845	360,777	186,269	228,695	186,570
Maine	2	857	26,599	36,630	27,982	29,200
Md.	5	2,625	63,943	80,882	68,097	70,668
Mass.	1	1,001	13,819	29,076	29,287	28,879
Mich.	8	7,887	313,249	199,154	232,807	226,984
Minn.	16	10,997	887,115	492,212	543,653	529,475
Miss.	10	4,234	314,011	180,163	202,203	184,269
Mo.	13	11,697	534,719	282,357	329,498	291,853
Mont.	11	3,886	418,099	267,045	292,693	264,214
Neb.	14	6,795	860,162	461,566	497,546	486,871
Nev.	1	237	53,692	23,460	25,965	29,632
N.H.	1	278	5,121	8,651	9,007	9,456
N.J.	3	1,213	25,078	43,216	48,925	44,480
N. Mex.	4	1,010	167,369	85,867	104,171	90,510
N.Y.	12	10,819	173,683	306,465	322,087	313,687
N.C.	17	26,172	454,571	484,942	615,318	561,220
N. Dak.	5	7,581	427,798	294,267	312,646	304,584
Ohio	11	27,516	821,799	559,984	632,973	664,235
Okl.	14	4,661	455,298	241,860	244,363	255,384
Oreg.	8	3,840	415,601	210,229	226,570	224,945
Pa.	9	8,188	174,878	159,229	172,340	181,874
R.I.	1	211	2,696	6,091	6,783	8,942
S.C.	11	8,130	216,990	196,818	247,768	230,290
S. Dak.	9	3,876	384,613	178,441	197,383	199,552
Tenn.	9	28,284	649,511	476,711	557,638	573,315
Tex.	31	12,838	1,415,410	676,558	720,187	648,465
Utah	2	1,134	171,677	86,326	86,979	80,684
Vt.	2	1,265	17,805	36,085	37,988	37,172
Va.	8	6,618	116,473	122,483	136,083	129,885
Wash.	6	2,871	232,443	129,555	150,159	135,720
W. Va.	2	1,413	14,141	12,525	13,988	14,562
Wis.	17	16,846	733,787	508,588	556,241	570,432
Wyo.	1	484	111,018	77,693	76,301	64,960
U.S.	427	346,409	20,130,360	12,271,552	13,830,347	13,558,265
P.R.	1	890	17,471	25,500	25,820	26,716
Total	428	347,299	20,147,831	12,297,052	13,856,167	13,584,981

<sup>1</sup> Includes renewals.

<sup>2</sup> Massachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Farm Credit Administration.



**Table 689.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1963-78<sup>1</sup>**

[illegible]

Year	Loans to associations										Economic opportunity individual loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Outstanding Jan. 1	1,000 dollars
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1				
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars
1963										12,096	30,411		
1964										16,353	24,541	27,881	
1965										15,110	29,134	46,022	
1966										10,017	15,221	66,969	
1967										2,253	3,783	1,187	
1968										1,214	1,583	41,867	
1969										1,388	1,245	52,667	
1970										(*)	(*)	41,901	
1971												31,513	
1972												22,968	
1973												17,213	
1974												12,209	
1975												5,708	
1976													
1977													
1978													

\* Included loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

\* Included in "Association loans" through 1968 (see table 690). Data unavailable for reporting association project types for the calendar year.

\* Discontinued.

Farmers Home Administration.

Table 690.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1963-78<sup>1</sup>

Year	Association loans			Water and waste loans			Recreation loans			Waterbed and flood prevention organization loans		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1963.....	174	19,908	23,810							22	4,381	4,712
1964.....	416	57,128	38,343							25	5,065	9,100
1965.....	574	95,374	60,279							22	3,328	12,337
1966.....	1,181	190,346	163,390							38	6,319	16,587
1967.....	1,276	234,911	289,142							27	7,261	30,108
1968.....	836	181,112	466,334							23	4,979	25,639
1969.....	(*)	(*)	647,369	655	156,788		104	12,915		18	2,851	29,289
1970.....				663	188,082	636,252	29	4,276	91,232	24	4,886	33,772
1971.....				892	296,303	764,581	18	1,149	97,240	20	8,678	26,638
1972.....				690	319,345	888,968			98,646	23	13,940	40,671
1973.....				688	430,439	1,010,804	1	484	103,514	12	8,917	44,224
1974.....				679	572,160	1,197,399	(*)	142	98,641	26	18,643	50,029
1975.....				648	456,128	1,483,806	(*)	46	100,640	13	19,800	34,372
1976.....				631	472,832	1,900,706	(*)	(*)	98,954	12	6,877	58,744
1977.....				1,076	693,046	2,143,117			91,140	8	5,196	90,919
1978.....						2,584,580			87,783			67,704

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1963.....												
1964.....	8	980										
1965.....	7	920	670							259	3,437	
1966.....	6	1,337	1,387							320	3,525	2,578
1967.....	22	2,296	2,031							442	4,592	6,389
1968.....	47	3,972	4,413							234	5,887	9,803
1969.....	31	3,087	7,724							86	2,469	13,077
1970.....	20	1,778	9,246							7	467	15,686
1971.....	20	1,615	10,790							13	1,033	15,490
1972.....	15	1,303	11,991							(*)	(*)	15,426
1973.....	22	3,409	12,531	4	1,169		2	212				14,422
1974.....	15	1,178	12,855	484	246,012		165	67,779				13,311
1975.....	14	1,741	13,842	622	408,435	737	399	276,632	8,583			12,445
1976.....	17	2,388	14,457	412	391,703	8,661	291	192,893	85,796			11,392
1977.....	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381			8,566
1978.....			12,147			20,511			334,573			6,866

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

<sup>3</sup> Beginning in calendar year 1969, association loan funds were reported by project type.

<sup>4</sup> Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>5</sup> Funding for this program is no longer available.

<sup>6</sup> Discontinued.

Farmers Home Administration.

Table 691.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1963-78<sup>1</sup>

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1963.....	13,070	122,881	419,784	0	693	62
1964.....	14,128	127,068	517,890	8	407	763
1965.....	18,457	150,567	610,273	14	821	1,141
1966.....	39,383	338,011	701,062	18	2,721	1,945
1967.....	83,781	493,000	977,565	32	4,171	2,370
1968.....	87,784	801,084	1,402,636	32	4,845	4,086
1969.....	55,119	559,440	1,813,352	21	3,323	10,380
1970.....	89,786	1,060,784	2,241,988	15	1,398	15,100
1971.....	105,648	1,412,549	3,109,227	12	240	16,814
1972.....	120,983	1,807,063	4,328,708	76	3,810	16,780
1973.....	85,286	1,394,506	5,694,574	18	9,969	18,938
1974.....	102,005	1,939,622	8,700,675	61	8,972	20,735
1975.....	112,071	2,334,202	8,581,996	97	8,066	23,368
1976.....	94,522	2,054,708	9,815,073	71	10,366	26,945
1977.....	113,365	2,687,028	11,083,704	87	5,490	30,803
1978.....			12,596,084			38,285

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1963.....	5	184	188			
1964.....	28	2,033	1,706			
1965.....	49	2,401	3,437			
1966.....	87	4,792	7,947			
1967.....	157	7,303	13,782			
1968.....	327	16,973	15,468			
1969.....	346	21,458	48,790			
1970.....	417	29,395	77,349	10	470	150
1971.....	311	29,168	105,755	25	1,738	1,790
1972.....	390	48,836	139,266	17	1,693	2,248
1973.....	445	96,555	175,560	14	2,181	2,381
1974.....	637	205,580	283,906	9	1,787	3,369
1975.....	1,034	330,757	631,051	6	1,531	4,826
1976.....	1,060	433,253	738,726	5	954	4,780
1977.....	1,243	646,708	1,060,590	10	2,068	4,688
1978.....						

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

Farmers Home Administration.

Table 692.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1963-78<sup>1</sup>

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
1963.....	80,814	361,774	292,308	1971.....	1,010,717	1,019,147	1,019,147
1964.....	122,929	392,523	324,670	1972.....	928,606	1,084,795	1,084,795
1965.....	147,222	455,111	355,492	1973.....	1,148,206	1,149,839	1,149,839
1966.....	133,330	522,790	399,043	1974.....	1,306,431	1,283,396	1,283,396
1967.....		588,646	701,173	1975.....	1,991,100	1,595,358	1,595,358
1968.....		708,218	800,165	1976.....	2,109,854	1,678,007	1,678,007
1969.....		694,681	882,279	1977.....	2,721,034	2,240,635	2,240,635
1970.....		781,947	980,624	1978.....	2,960,182	2,831,637	2,831,637

See footnotes on page 462.

Table 693.—Farmers' marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1963-75

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Market- ing	Farm supply	Service <sup>3</sup>	Total	Market- ing	Farm supply	Service <sup>3</sup>	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	
1963.....	5,421	3,226	200	8,847	3,613	3,425	42	7,080	313
1964.....	5,305	3,085	193	8,583	3,791	3,351	40	7,082	316
1965.....	5,194	2,949	186	8,329	3,636	3,184	36	6,856	325
1966.....	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967.....	4,929	2,835	176	7,940	3,225	3,187	34	6,446	319
1968.....	4,775	2,793	181	7,747	3,141	3,190	33	6,364	321
1969.....	4,534	2,775	181	7,490	3,103	3,222	30	6,355	321
1970.....	5,097	2,731	187	7,995	3,105	3,028	25	6,158	414
1971.....	4,864	2,781	152	7,797	3,134	2,991	22	6,147	422
1972.....	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973.....	4,823	2,778	155	7,755	3,111	2,972	22	6,105	658
1974.....	4,770	2,729	146	7,645	3,126	2,972	25	6,123	745
1975 <sup>6</sup> .....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1963.....	14,533	11,209	4,394	2,832	19,240	14,354
1964.....	14,816	11,518	4,465	2,910	19,627	14,743
1965.....	15,489	12,198	4,805	3,085	20,619	15,608
1966.....	16,265	12,900	5,314	3,339	21,897	16,557
1967.....	16,557	13,189	5,565	3,545	22,438	17,050
1968.....	16,841	13,421	5,943	3,615	22,835	17,387
1969.....	18,389	14,816	5,996	3,873	24,766	19,080
1970.....	20,118	15,802	6,749	4,340	27,281	20,558
1971.....	20,795	16,453	7,395	4,740	28,653	21,668
1972.....	25,110	19,373	8,941	5,915	34,454	25,991
1973.....	35,632	26,944	11,356	7,784	47,685	35,566
1974.....	40,313	31,937	13,416	8,690	54,474	41,343
1975 <sup>6</sup> .....	39,456	29,837	15,554	9,412	55,865	40,104

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions.

<sup>2</sup> Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

<sup>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities.

<sup>4</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

<sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>6</sup> Preliminary.

<sup>7</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

<sup>8</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

## FOOTNOTES FOR TABLE 692

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Seasonal loans, beginning 1967.

<sup>3</sup> Term loans, beginning 1967.

Farm Credit Administration.

Table 694.—Farmers' cooperatives: Number of marketing, farm-supply, and related-service cooperatives and business volume, United States, 1973-74 and 1975-76 (preliminary)

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Products marketed:</b>						
Beans and peas (dry edible).....	46	53	175,963	137,738	140,985	116,023
Cotton and cotton products.....	494	519	1,145,027	1,186,478	873,953	859,807
Dairy products.....	631	579	8,068,197	9,576,989	7,221,972	8,480,086
Fruits and vegetables.....	436	436	3,378,615	3,894,774	2,387,498	2,860,587
Grain, soybeans, and soybean meal and oil.....	2,540	2,509	15,574,889	17,449,308	9,645,767	10,633,612
Livestock and livestock products.....	572	477	3,446,706	3,066,103	3,149,603	2,783,886
Nuts.....	50	41	497,491	555,094	497,491	555,094
Poultry products.....	167	151	930,748	944,995	815,194	807,293
Rice.....	62	61	987,798	870,805	788,406	809,405
Sugar products.....	62	61	997,517	1,339,763	997,517	1,337,289
Tobacco.....	28	30	297,505	291,364	297,505	291,364
Wool and mohair.....	164	177	30,827	21,176	30,827	21,176
Miscellaneous <sup>2</sup> .....	83	82	106,768	121,733	99,964	121,733
<b>Total farm products.....</b>	<b>* 4,817</b>	<b>* 4,840</b>	<b>35,632,351</b>	<b>39,456,405</b>	<b>26,943,792</b>	<b>29,637,355</b>
<b>Supplies purchased:</b>						
Building materials.....	2,168	2,382	322,353	423,827	248,382	326,409
Containers.....	842	670	177,489	230,735	134,739	113,323
Farm machinery and equipment.....	1,304	1,588	329,186	477,842	194,421	266,649
Feed.....	3,744	3,819	3,355,512	3,477,365	2,483,584	2,496,660
Fertilizer.....	3,865	3,949	2,523,575	4,241,770	1,585,553	2,284,020
Meats and groceries.....	495	495	128,234	162,715	95,616	108,134
Petroleum products.....	2,624	2,983	2,395,119	3,622,551	1,519,186	2,097,558
Seed.....	3,553	3,526	401,563	476,031	306,198	358,343
Sprays and dusters (farm chemicals).....	3,328	3,597	615,546	1,054,517	385,957	627,790
Other supplies <sup>3</sup> .....	4,224	4,432	1,246,632	1,185,980	826,791	733,669
<b>Total farm supplies.....</b>	<b>* 5,554</b>	<b>* 5,538</b>	<b>11,385,208</b>	<b>15,553,633</b>	<b>7,764,027</b>	<b>9,411,685</b>
<b>Receipts for services:</b>						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	* 4,586	* 4,911	* 657,730	* 855,277	* 657,730	* 855,277
<b>Total business.....</b>	<b>* 7,755</b>	<b>* 7,535</b>	<b>47,685,319</b>	<b>55,865,315</b>	<b>35,385,549</b>	<b>40,104,317</b>

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup> Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>3</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperative marketing individual products, handling individual supplies, or providing individual service. <sup>4</sup> Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

Table 695.—Farmers' cooperatives: Types, numbers, and memberships, United States

Type	Year or date of data	Associations	Estimated memberships or participants
<b>Marketing and farm supply:</b>		Number	Number
Marketing <sup>1</sup> .....	1975-76.....	* 4,658	2,811,858
Farm supply.....	1975-76.....	* 2,731	3,056,071
Miscellaneous services <sup>2</sup> .....	1975-76.....	* 146	38,450
<b>Service:</b>			
Federal land bank associations <sup>3</sup> .....	June 30, 1977.....	534	* 483,901
Production credit associations <sup>4</sup> .....	June 30, 1977.....	429	526,245
Banks for cooperatives <sup>5</sup> .....	June 30, 1977.....	13	* 3,438
Rural credit unions <sup>6</sup> .....	Jan. 1, 1978.....	987	1,623,733
Rural electric cooperatives <sup>7</sup> .....	Jan. 1, 1978.....	11,980	* 8,894,557
Rural telephone cooperatives <sup>8</sup> .....	Jan. 1, 1978.....	250	850,350
<b>Production:</b>			
Dairy-herd-improvement associations <sup>9</sup> .....	Jan. 1, 1977.....	1,028	33,735

See footnotes on page 497.



Table 696.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1973-74 and 1975-76 (preliminary)

State	Cooperatives head- quartered in State		Cooperatives doing business in State <sup>1</sup>		Memberships in State		Net business <sup>2</sup>	
	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
Ala.....	71	98	84	111	80,000	101,689	331,128	511,844
Alaska.....	2	1	2	1	380	15	3,648	11,445
Aris.....	17	18	28	27	85,135	89,639	194,608	283,087
Ark.....	108	121	127	142	106,330	106,820	825,669	812,619
Calif.....	293	277	306	292	91,925	85,285	2,996,793	3,322,342
Colo.....	85	81	94	90	50,095	48,615	437,085	482,873
Conn.....	11	8	19	15	5,375	5,065	113,113	108,881
Del.....	8	7	13	12	13,335	17,165	42,559	57,209
Fla.....	93	86	106	98	84,280	80,080	737,630	946,633
Ga.....	89	94	101	107	169,865	164,468	867,805	845,428
Hawaii.....	19	18	21	21	2,385	2,183	22,183	24,285
Idaho.....	68	60	85	80	47,675	39,496	323,212	286,033
Ill.....	307	279	324	296	316,900	308,519	2,136,149	2,661,155
Ind.....	111	106	132	129	409,890	385,125	925,920	1,311,114
Iowa.....	462	447	494	474	371,790	326,981	2,820,230	2,989,547
Kans.....	268	261	287	279	201,445	204,716	1,615,883	1,675,209
Ky.....	82	82	95	91	204,835	232,389	379,340	380,735
La.....	100	100	114	115	17,430	18,519	274,518	380,738
Maine.....	10	10	15	15	9,975	7,025	94,341	65,534
Md.....	39	37	50	45	44,380	59,765	345,948	382,148
Mass.....	18	17	21	21	10,275	10,965	182,246	158,265
Mich.....	146	141	162	158	124,805	137,946	914,926	1,068,202
Minn.....	1,073	1,048	1,098	876	589,185	567,537	2,626,758	2,909,767
Miss.....	138	133	153	147	126,030	118,593	666,756	801,342
Mo.....	156	146	178	172	248,045	239,717	906,220	1,006,871
Mont.....	225	226	238	225	81,440	73,782	241,378	316,226
Nebr.....	340	336	369	360	262,095	246,065	1,229,415	1,874,912
Nev.....	5	8	11	9	935	305	6,954	14,737
N.H.....	7	7	14	14	3,785	6,202	52,740	57,472
N.J.....	36	33	44	40	16,965	16,221	311,463	177,308
N. Mex.....	22	23	35	33	7,315	6,832	65,806	74,211
N.Y.....	285	247	294	256	139,370	140,718	1,508,506	1,472,131
N.C.....	31	38	45	51	146,250	152,289	421,389	449,994
N. Dak.....	671	664	685	556	262,450	201,387	1,123,438	1,216,593
Ohio.....	302	199	216	212	216,648	213,847	1,176,477	1,500,487
Okla.....	184	151	168	164	140,665	132,462	989,284	739,039
Oreg.....	72	66	90	82	57,070	64,655	570,753	663,847
Pa.....	105	98	124	117	77,830	76,805	804,221	957,108
R.I.....	1	1	3	4	620	865	11,497	15,157
S.C.....	22	21	31	30	40,915	63,957	130,572	170,252
S. Dak.....	321	314	337	294	175,275	168,723	614,030	647,111
Tenn.....	105	103	123	118	151,505	157,245	364,241	388,774
Tex.....	453	440	475	455	141,825	133,073	1,743,689	1,675,285
Utah.....	43	39	48	44	27,535	19,919	229,008	288,124
Vt.....	10	8	15	13	6,990	6,679	150,082	163,172
Va.....	117	114	135	128	179,735	190,125	829,080	811,570
Wash.....	149	138	167	157	102,930	76,669	917,124	1,169,168
W. Va.....	63	67	74	78	48,930	67,506	88,506	86,012
Wis.....	511	494	529	483	420,955	372,891	1,838,411	2,103,583
Wyo.....	31	29	37	35	11,285	8,673	42,855	65,746
United States.....	7,755	7,535	-----	-----	6,105,260	5,906,104	35,285,294	40,047,900
Foreign.....	-----	-----	8	8	270	275	4110,265	456,517
Total.....	7,755	7,535	-----	-----	6,105,530	5,906,379	35,365,540	40,104,317

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>4</sup> Sales outside the United States, and to domestic military installations.

Economics, Statistics, and Cooperatives Service—Cooperatives.



# REA BORROWER STATISTICS

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Table 697.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1978<sup>1</sup>

State and Territory	Borrowers	Total financing			Financing to cooperative associations <sup>2</sup>		Financing by purpose				Miles of line provided for by financing <sup>(3)</sup>	Consumers provided for by financing <sup>(4)</sup>
		REA loans	Non-REA financing		Borrowers	Amount <sup>(5)</sup>	Distribution	Generation and transmission <sup>2a</sup>	Consumer facilities <sup>2b</sup>			
			With REA guarantee	Without REA guarantee <sup>2c</sup>								
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	
Ala.	27	276,886	265,553	17,497	24	545,955	201,892	356,063	1,359	49,046	359,945	
Alaska	14	355,769	117,784	14,828	11	482,568	182,355	334,937	1,088	6,547	92,108	
Ariz.	13	113,315	298,779	7,490	8	414,613	61,040	358,054	490	9,317	61,794	
Ark.	21	421,669	315,000	24,979	20	761,126	293,606	463,571	4,471	55,162	301,683	
Calif.	10	82,645	0	294	7	28,358	44,251	8,502	87	5,759	60,990	
Colo.	24	557,796	855,471	45,612	24	1,458,579	293,318	1,165,456	75	51,985	207,324	
Conn.	0	0	0	0	0	0	0	0	0	0	0	
Del.	1	19,826	0	3,150	1	22,976	21,645	1,328	3	2,987	27,145	
Fla.	18	286,294	9,000	40,888	16	335,970	289,947	43,716	2,519	40,657	356,168	
Ga.	48	373,168	1,487,323	49,031	46	1,879,258	418,909	1,457,753	2,959	91,104	662,538	
Hawaii	0	0	0	0	0	0	0	0	0	0	0	
Idaho	10	73,617	0	3,560	10	77,208	65,235	10,776	1,197	10,322	36,732	
Ill.	31	283,744	317,761	17,082	30	618,506	265,340	413,035	212	52,496	207,019	
Ind.	47	235,677	722,000	22,186	46	999,453	176,249	822,867	716	47,141	296,639	
Iowa	57	453,646	132,738	30,781	54	615,566	226,748	390,021	397	63,491	173,073	
Kans.	37	325,777	8,031	6,196	36	339,967	236,831	102,750	415	67,843	149,228	
Ky.	29	621,094	734,225	181,033	28	1,506,351	336,280	1,178,913	1,159	67,150	485,314	
La.	20	267,302	629,000	37,842	18	925,647	204,771	729,195	178	38,591	255,803	
Maine	4	15,048	0	0	4	15,048	11,082	3,922	44	1,685	11,254	
Md.	2	74,011	0	8,673	2	82,684	69,687	12,997	0	8,923	74,786	
Mass.	0	0	0	0	0	0	0	0	0	0	0	
Mich.	18	231,312	226,715	6,479	15	464,806	136,917	327,116	473	27,649	176,688	
Minn.	53	586,104	900,540	24,255	51	1,479,941	340,291	1,136,263	4,346	98,261	374,423	
Miss.	29	337,452	209,913	23,912	27	569,911	279,448	291,144	694	66,545	415,780	
Mo.	49	714,587	155,877	58,991	48	929,420	403,923	524,711	821	102,582	454,526	
Mont.	26	134,307	0	2,583	26	138,890	118,596	18,066	828	38,077	78,269	
Nebr.	38	298,551	0	7,836	4	36,799	224,836	80,988	562	70,929	150,778	
Nev.	8	42,147	0	257	3	35,246	28,713	13,443	248	4,739	11,151	
N.H.	1	39,757	0	333	1	40,089	38,952	1,106	32	3,733	41,008	
N.J.	2	6,907	0	890	2	7,497	6,791	702	4	781	9,343	
N. Mex.	18	189,728	0	5,123	17	194,716	122,184	69,657	3,010	32,528	106,006	
N.Y.	6	15,476	0	1,559	5	15,171	16,610	340	55	4,238	18,990	
N.C.	24	334,030	0	44,198	29	377,333	334,219	39,376	4,635	58,625	467,988	
N. Dak.	27	584,398	716,732	359,202	25	1,654,732	172,364	1,485,982	1,986	63,274	88,212	
Ohio	29	228,511	0	300,912	28	523,190	177,407	351,797	218	36,060	217,620	
Okl.	29	445,344	82,383	27,326	27	554,752	347,650	204,717	2,676	83,125	310,166	
Oreg.	17	146,379	0	14,178	16	156,610	135,264	25,057	237	19,511	85,281	
Pa.	13	129,064	241,408	12,648	13	377,121	132,778	244,104	238	22,194	146,831	
R.I.	0	0	0	0	0	0	0	0	0	0	0	
S.C.	26	324,852	0	25,197	24	345,843	231,995	115,822	2,231	45,158	317,093	
S. Dak.	34	255,405	0	3,401	24	258,907	195,334	62,691	881	60,652	108,767	
Tenn.	32	207,539	0	19,778	30	208,002	226,638	351,797	45	57,662	527,726	
Tex.	99	982,645	0	86,378	97	1,011,257	700,620	305,879	2,824	207,466	806,561	
Utah	6	45,916	0	2,677	6	48,594	27,062	21,408	125	4,658	16,197	
Vt.	2	41,071	0	1,454	2	42,525	23,277	18,345	903	2,545	15,145	
Va.	20	227,420	0	30,232	19	237,459	242,525	14,460	667	33,501	234,148	
Wash.	23	129,368	0	8,248	11	101,660	129,138	8,225	251	18,702	78,547	
W. Va.	1	1,440	0	0	1	1,440	4,435	0	5	688	4,311	
Wis.	31	342,322	176,686	11,635	30	530,352	134,180	394,674	1,969	37,796	182,662	
Wyo.	15	126,627	0	5,124	14	131,673	95,782	37,569	101	24,136	54,574	
U.S.	1,094	11,943,053	8,572,919	1,565,620	980	21,604,608	8,355,103	13,040,121	47,374	1,894,068	9,267,232	
P.R.	1	121,816	0	0	0	0	92,107	29,700	0	11,738	268,170	
V.I.	2	3,350	0	0	0	0	2,601	650	0	176	5,457	
Total	1,097	12,068,219	8,572,919	1,565,620	980	21,604,608	8,479,901	13,079,489	47,374	1,905,982	9,540,879	

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.

<sup>3</sup> Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$338,695,122; municipalities and other Government authorities, 37 borrowers, \$234,809,445; power companies, 26 borrowers, \$28,562,038.

<sup>4</sup> Includes \$5,572,919,000 in REA guarantee commitments made as of Jan. 1, 1978.

<sup>5</sup> Funds loaned to corporate borrowers for lending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>6</sup> Includes miles energized and consumers served, shown in table 698 and 699.

Rural Electrification Administration.

Table 698.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1977, by States and Territories<sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1978 <sup>2</sup>	Statistics for borrowers in operation									
		As of Jan. 1, 1978			Calendar year 1977						
		Borrowers	Miles energized <sup>4</sup>	Consumers served <sup>4</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>5</sup>	Kw.-hr. sales <sup>6</sup>	Total revenue <sup>6</sup>	Average monthly kw.-hr. consumption per consumer		
									All consumers	Residential consumers <sup>7</sup>	
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.	
Ala.	242,679	26	49,894	320,751	424,831	6,531,780	4,662,965	147,596	1,188	991	
Alaska	302,055	14	6,377	89,033	1,682,544	487,144	1,568,104	67,988	1,957	936	
Ariz.	106,178	13	9,689	60,864	348,966	2,362,976	1,474,741	49,836	2,089	584	
Ark.	363,100	21	53,864	247,534	1,174,247	7,144,771	2,946,934	113,129	1,020	784	
Calif.	47,215	9	5,187	47,815	0	871,865	828,084	12,268	1,403	875	
Colo.	452,908	24	49,873	192,231	1,708,706	7,305,642	3,374,156	106,941	1,463	696	
Conn.	0	0	0	0	0	0	0	0	0	0	
Del.	17,482	1	2,946	26,682	0	262,108	263,479	12,499	837	782	
Fla.	264,374	18	39,748	313,100	122,567	4,137,233	3,670,510	176,249	1,033	804	
Ga.	347,178	46	91,278	582,022	815,521	13,477,795	6,866,003	266,486	1,047	901	
Hawaii	0	0	0	0	0	0	0	0	0	0	
Idaho	66,466	10	10,012	34,090	96	837,792	745,197	12,896	1,900	1,135	
Ill.	257,412	30	81,646	193,309	839,437	3,569,794	2,862,036	111,928	1,234	979	
Ind.	226,790	44	47,708	289,900	1,232,923	5,338,918	4,220,922	139,171	1,258	1,066	
Iowa	395,770	87	62,630	165,295	1,634,747	4,183,071	3,137,170	162,034	1,401	1,159	
Kans.	267,830	36	63,087	130,689	629,394	2,707,645	2,031,087	81,251	1,396	781	
Ky.	594,266	28	66,763	398,494	6,825,087	14,915,043	11,006,748	238,776	2,446	975	
La.	354,663	17	38,004	230,721	1,139,681	5,232,377	3,157,573	90,986	1,299	933	
Maine	13,117	4	1,608	11,656	330	86,879	76,656	4,023	556	348	
Md.	68,631	2	9,093	76,666	0	1,244,487	1,185,813	43,998	1,284	872	
Mass.	0	0	0	0	0	0	0	0	0	0	
Mich.	195,147	18	27,128	166,807	453,518	1,842,584	1,238,749	61,423	818	530	
Minn.	449,170	83	97,808	370,197	905,352	8,543,677	4,936,049	161,344	1,108	932	
Miss.	317,988	29	69,074	394,003	799,689	7,710,311	5,874,991	201,655	1,347	921	
Mo.	669,660	47	101,471	387,761	5,465,607	14,894,784	6,345,217	180,950	1,105	806	
Mont.	121,683	25	38,684	74,723	0	1,299,133	1,152,380	24,630	1,324	981	
Nebr.	274,437	36	68,952	143,592	847	4,691,561	2,342,216	80,673	1,564	1,022	
Nev.	37,340	8	4,160	11,044	0	447,129	368,677	8,182	3,083	845	
N.H.	37,659	1	3,724	40,302	0	317,184	293,726	14,717	621	505	
N.J.	6,467	2	783	9,395	0	68,684	65,962	2,855	838	763	
N. Mex.	198,989	18	32,644	99,899	559,934	2,850,915	1,805,911	56,354	1,449	434	
N.Y.	13,598	5	3,668	16,050	0	112,294	99,836	2,666	876	849	
N.C.	302,853	32	57,889	400,774	182	5,005,816	4,437,929	172,067	977	830	
N. Dak.	535,854	27	60,640	83,660	6,796,092	3,126,383	3,421,630	80,017	1,761	1,145	
Ohio	215,649	29	36,346	219,404	4,050,176	2,060,781	2,978,079	115,173	1,248	1,049	
Okl.	411,131	29	82,206	254,540	2,210,735	4,257,122	3,990,841	131,656	1,293	839	
Oreg.	131,783	17	19,042	80,353	0	2,511,842	2,325,614	32,710	2,553	1,375	
Pa.	115,875	13	22,151	140,088	0	2,965,898	1,327,939	82,944	788	723	
R.I.	0	0	0	0	0	0	0	0	0	0	
S.C.	291,026	22	47,218	283,612	0	6,784,152	3,409,424	114,542	1,057	901	
S. Dak.	226,150	34	59,072	97,197	0	3,393,655	1,483,054	41,266	1,283	1,043	
Tenn.	196,088	32	59,129	517,106	0	11,188,700	10,804,198	263,784	1,755	1,318	
Tex.	907,251	80	207,247	703,941	2,183,006	10,341,625	8,815,364	346,255	1,047	725	
Utah	39,189	6	4,492	15,068	32,284	739,175	675,256	12,430	3,949	792	
Vt.	23,908	2	2,494	14,152	0	146,620	132,022	6,689	796	731	
Va.	200,185	16	32,913	205,266	5,751	2,836,714	2,728,216	111,683	1,138	843	
Wash.	119,778	23	18,499	73,129	0	2,380,963	2,150,537	36,580	2,876	1,571	
W. Va.	3,993	1	667	3,711	0	27,944	24,568	1,203	852	484	
Wis.	301,142	31	37,888	147,941	3,460,647	2,883,930	2,129,894	72,121	1,026	853	
Wyo.	104,196	15	23,649	51,332	7,879	1,900,491	1,731,893	36,199	2,949	870	
U.S.	10,746,178	1,048	1,878,084	8,415,817	45,503,776	186,347,007	131,116,304	4,185,250	1,313	910	
P.R.	121,816	1	11,992	214,148	510,739	0	431,472	27,067	0	0	
V.I.	430	2	97	853	0	0	0	0	0	0	
Total	10,868,424	1,051	1,890,173	8,630,818	46,014,515	186,347,007	131,547,776	4,212,317	1,313	910	

<sup>1</sup> State totals represent data for borrowers incorporated within the State.<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 697.<sup>3</sup> Cumulative.<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1978, there were 68 such borrowers with 25,498 miles energized and 144,266 consumers served.<sup>5</sup> Includes energy sold by one REA borrower to another.<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.<sup>7</sup> Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

# REA BORROWER STATISTICS

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Table 699.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1963-78

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation										Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year								
		Bor- rowers	Miles energ- ized <sup>2</sup>	Con- sumers served <sup>3</sup>	Kw.-hr. gen- erated	Kw.-hr. pur- chased <sup>4</sup>	Kw.-hr. sales <sup>5</sup>	Total revenue <sup>6</sup>	All con- sumers	Resi- dential con- sumers <sup>4</sup>			
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.			
1963	4,072,663	1,042	1,504,228	5,094,983	7,001,608	33,068,028	35,357,255	745,629	565	425			
1964	4,330,973	1,046	1,526,812	5,237,912	8,039,118	36,906,633	39,836,884	802,431	616	456			
1965	4,593,183	1,051	1,547,143	5,386,088	8,833,866	39,104,323	42,668,054	846,520	654	479			
1966	4,909,826	1,052	1,566,772	5,541,478	11,546,699	42,824,994	48,439,056	911,545	708	515			
1967	5,182,780	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543			
1968	5,324,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	593			
1969	5,934,571	1,052	1,627,445	5,986,140	18,072,872	55,031,381	66,421,021	1,168,306	876	643			
1970	6,261,649	1,049	1,650,240	6,196,967	22,813,687	60,478,441	76,009,289	1,309,464	948	687			
1971	6,655,111	1,050	1,676,001	6,442,332	27,759,862	65,494,403	84,282,836	1,482,254	996	748			
1972	7,059,553	1,048	1,700,348	6,747,698	32,290,340	79,235,190	100,688,298	1,912,502	1,063	783			
1973	7,522,195	1,047	1,732,545	7,076,249	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803			
1974	8,070,542	1,046	1,766,701	7,457,123	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793			
1975	8,775,287	1,047	1,797,825	7,767,813	33,462,818	91,874,602	112,669,814	2,071,882	1,149	803			
1976	9,508,907	1,050	1,827,898	8,017,654	38,860,059	127,168,925	142,004,376	3,556,049	1,284	886			
1977	10,143,415	1,048	1,857,434	8,311,779	46,014,518	186,347,607	131,547,776	4,212,317	1,313	910			
1978	10,868,424	1,051	1,890,178	8,630,818									

<sup>1</sup> Cumulative from organization, May 11, 1935.

<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1978, there were 65 such borrowers with 25,498 miles energized and 144,266 consumers served.

<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.

<sup>4</sup> Includes rural nonfarm and farm consumers.

<sup>5</sup> Actual funds advanced out of REA loans approved, as shown in table 697.

Rural Electrification Administration.

## FOOTNOTES FOR TABLE 695

<sup>1</sup> Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture.

<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,840.

<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,538.

<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.

<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,911.

<sup>6</sup> Farm Credit Administration.

<sup>7</sup> Represents the number of Federal land bank loans outstanding as of June 30, 1977.

<sup>8</sup> Cooperative associations borrowing from banks for cooperatives.

<sup>9</sup> Credit Union National Association, Inc.

<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.

<sup>11</sup> Includes associations that are REA repaid borrowers.

<sup>12</sup> Includes only memberships of associations financed by REA.

<sup>13</sup> Science and Education Administration, U.S. Department of Agriculture.

Economics, Statistics, and Cooperatives Service—Cooperatives.

Table 700.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1963-77

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	Total utility plant
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	810,342	835,138	54,744	126,821	109,166	4,406,158
1964	876,847	885,496	56,060	134,891	115,310	4,696,455
1965	937,986	937,367	58,950	141,847	118,382	4,978,735
1966	1,021,917	706,288	61,946	150,681	120,942	5,352,578
1967	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968	1,206,781	860,947	67,227	166,090	130,538	6,166,802
1969	1,337,017	968,228	71,451	178,661	140,096	6,562,785
1970	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971	1,766,495	1,345,536	84,346	209,458	155,672	7,708,276
1972	2,025,431	1,556,081	93,324	224,069	165,766	8,313,088
1973	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975	3,887,668	3,257,727	181,127	291,742	210,662	11,845,119
1976	4,725,869	3,976,370	214,947	328,245	284,806	14,031,055
1977	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848

<sup>1</sup> Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

Table 701.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1977 <sup>1</sup>

State	Farms with service		State	Farms with service	
	Number	Percent <sup>2</sup>		Number	Percent <sup>2</sup>
Ala.	76,250	99	Nebr.	67,100	99
Alaska	290	97	Nev.	1,800	99
Ariz.	4,750	85	N.H.	2,875	99
Ark.	68,250	99	N.J.	7,800	99
Calif.	64,350	99	N. Mex.	10,550	99
Colo.	28,850	98	N.Y.	56,450	99
Conn.	4,150	99	N.C.	120,800	99
Del.	3,450	99	N. Dak.	39,300	98
Fla.	31,700	99	Ohio	113,500	99
Ga.	60,300	99	Okla.	84,650	99
Hawaii	3,550	99	Oreg.	32,200	99
Idaho	26,600	99	Pa.	71,300	99
Ill.	118,800	99	R.I.	670	99
Ind.	101,000	99	S.C.	46,250	98
Iowa	129,700	99	S. Dak.	41,300	98
Kans.	75,900	99	Tenn.	121,750	99
Ky.	122,750	99	Tex.	198,750	97
La.	45,550	99	Utah	12,400	99
Maine	7,500	99	Vt.	6,550	99
Md.	17,350	99	Va.	71,200	99
Mass.	5,550	99	Wash.	39,100	99
Mich.	77,300	99	W. Va.	25,550	98
Minn.	115,850	99	Wis.	99,000	99
Miss.	81,850	99	Wyo.	7,750	98
Mo.	135,350	99			
Mont.	22,700	98	U.S.	2,715,235	99

<sup>1</sup> Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup> Percentage is of the total number of farms as estimated for 1977 by the Crop Reporting Board, ESCS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

**Table 702.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1963-77<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	Kw.-hr.	Cents	Dollars		Kw.-hr.	Cents	Dollars		Kw.-hr.	Cents	Dollars
1963.....	687	2.27	15.60	1968.....	819	2.15	17.60	1973.....	1,048	2.81	24.20
1964.....	700	2.31	16.20	1969.....	880	2.09	18.40	1974.....	1,084	2.68	28.80
1965.....	716	2.27	16.30	1970.....	918	2.12	19.50	1975.....	1,150	3.07	35.30
1966.....	749	2.20	16.50	1971.....	958	2.18	20.80	1976.....	1,307	3.38	43.80
1967.....	768	2.17	16.80	1972.....	1,007	2.23	22.50	1977.....	1,311	3.68	48.10

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 703.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1976 and 1977<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
			1976	1977	1976	1977
	Kw.-hr.	Kw.-hr.	Dollars	Dollars	Cents	Cents
Ala.....	1,060	1,100	33.90	40.70	3.20	3.70
Ark.....	4,600	4,000	135.00	168.00	3.00	4.20
Calif.....	1,200	1,200	45.60	50.40	3.80	4.20
Colo.....	5,500	4,700	176.00	197.00	3.20	4.20
Conn.....	1,800	1,500	59.40	42.50	3.30	3.30
Del.....	1,700	1,700	73.10	73.10	4.30	4.30
Fla.....	1,350	1,400	70.20	68.60	5.20	5.20
Ga.....	1,800	1,800	75.60	82.80	4.20	4.60
Idaho.....	1,150	1,240	41.40	47.10	3.60	3.80
Ill.....	3,000	2,500	75.00	62.50	2.50	2.50
Ind.....	1,050	1,100	39.90	45.10	3.80	4.10
Iowa.....	1,120	1,200	35.80	42.00	3.20	3.50
Kans.....	1,200	1,300	45.80	52.00	3.80	4.00
Kent.....	1,150	1,100	39.10	44.00	3.40	3.90
Ky.....	840	900	25.20	27.90	3.00	3.10
La.....	950	1,100	26.60	31.90	2.80	2.90
Maine.....	1,320	1,600	46.20	62.40	3.50	3.90
Md.....	1,250	1,320	50.00	52.80	4.00	4.00
Mass.....	1,600	1,400	70.50	70.00	4.70	5.00
Mich.....	1,110	1,100	44.40	46.90	4.00	4.20
Minn.....	1,400	1,420	45.40	46.90	3.10	3.30
Miss.....	1,110	1,140	41.10	44.50	3.70	3.90
Mo.....	630	850	28.20	32.30	3.40	3.80
Mont.....	1,300	1,310	29.90	28.80	2.30	2.20
Nebr.....	1,350	1,200	48.60	44.40	3.60	3.70
Nev.....	2,000	2,200	58.00	88.00	2.90	4.00
N.H.....	1,400	1,600	65.80	73.60	4.70	4.60
N.J.....	1,100	1,200	56.10	69.60	5.10	5.80
N. Mex.....	1,000	1,100	37.90	50.60	3.70	4.60
N.Y.....	1,700	1,800	56.10	66.60	3.30	3.70
N.C.....	930	1,050	34.40	38.80	3.70	3.70
N. Dak.....	1,160	1,110	34.80	34.40	3.00	3.10
Ohio.....	1,100	1,150	39.60	43.70	3.60	3.80
Okl.....	880	860	30.80	33.50	3.50	3.90
Ore.....	2,400	2,100	50.40	44.10	2.10	2.10
Pa.....	1,310	1,550	51.30	60.40	3.40	3.90
R.I.....	1,100	1,100	50.80	55.00	4.60	5.00
S.C.....	900	1,000	33.30	38.00	3.70	3.80
S. Dak.....	1,100	1,100	33.00	36.30	3.00	3.30
Tenn.....	1,040	1,020	26.00	25.50	2.50	2.50
Tex.....	1,200	1,200	44.40	50.40	3.70	4.20
Utah.....	1,600	1,400	54.40	46.20	3.40	3.40
Vt.....	2,000	2,150	92.00	90.30	4.60	4.40
Va.....	1,140	1,150	39.90	44.80	3.50	3.90
Wash.....	2,100	2,500	31.50	40.00	1.60	1.60
W. Va.....	670	780	28.10	28.90	3.90	3.80
Wis.....	1,580	1,580	57.70	60.80	3.70	3.70
Wyo.....	1,750	1,400	45.80	29.20	2.50	2.80
U.S.....	1,307	1,311	43.80	48.10	3.35	3.68

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 704.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1963-77**

Year	Borrowers reporting	Operating revenue	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	784	153,127	85,745	14,318	38,180	15,330	955,650
1964.....	804	168,500	93,801	15,320	42,897	16,984	1,087,169
1965.....	816	196,991	103,671	16,630	47,776	19,702	1,167,878
1966.....	814	215,112	117,848	17,900	53,653	20,543	1,298,518
1967.....	811	238,888	132,228	19,316	60,856	27,322	1,471,165
1968.....	811	271,697	150,900	21,152	67,780	33,115	1,639,137
1969.....	805	310,421	172,942	23,097	76,296	38,386	1,827,508
1970.....	808	362,694	200,917	26,250	86,343	49,281	2,084,584
1971.....	813	407,405	224,489	30,064	97,000	55,672	2,295,344
1972.....	822	464,764	256,688	33,752	110,586	62,679	2,569,301
1973.....	821	535,318	307,457	41,246	127,726	76,801	2,964,312
1974.....	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975.....	858	753,100	422,396	60,202	166,709	95,456	3,849,740
1976.....	876	899,335	703,300	85,705	185,087	112,397	4,373,731
1977 <sup>3</sup> .....	896	1,086,804	854,119	101,996	232,251	131,485	5,073,933

<sup>1</sup> Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.<sup>2</sup> Investment in physical plant and related facilities.<sup>3</sup> Preliminary.

Rural Electrification Administration.

**Table 705.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1963-78**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
	1,000 dollars	1,000 dollars	Number	Number	Number	Number	1,000 dollars
1963.....	752,061	-----	761	10,250	1,419,882	1,623,800	153,127
1964.....	835,844	-----	784	10,603	1,523,406	1,762,244	168,500
1965.....	917,896	-----	804	11,075	1,626,590	1,899,904	186,991
1966.....	1,001,966	-----	816	11,567	1,726,359	2,045,936	215,112
1967.....	1,088,721	-----	814	12,220	1,828,861	2,195,346	238,888
1968.....	1,193,344	-----	811	12,827	1,944,334	2,369,153	271,697
1969.....	1,297,844	-----	811	13,389	2,067,025	2,561,495	310,421
1970.....	1,412,712	-----	806	14,088	2,184,876	2,784,689	362,694
1971.....	1,553,050	-----	809	15,448	2,334,511	2,988,849	407,405
1972.....	1,697,908	-----	813	15,460	2,428,868	3,187,109	464,764
1973.....	1,820,970	17,492	822	16,300	2,574,814	3,423,892	555,318
1974.....	1,933,685	80,832	831	17,446	2,728,030	3,713,976	659,732
1975.....	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976.....	2,211,707	334,737	858	20,045	3,048,292	4,365,445	899,335
1977.....	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,804
1978 <sup>3</sup> .....	2,526,906	515,020	896	23,475	3,599,069	5,388,071	-----

<sup>1</sup> Cumulative from organization, Oct. 28, 1949.<sup>2</sup> Preliminary, except total advances.<sup>3</sup> Actual funds advanced out of loans approved, as shown in table 707.

Rural Electrification Administration.



Table 706.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1978, and revenues for 1977, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1978 <sup>2</sup>		Operating statistics as of Jan. 1, 1978			Revenues for 12 months ending Dec. 31, 1977 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
Ala.	76,122	27,649	24	102,660	145,184	27,978
Alaska	18,420	8,341	6	22,820	33,745	17,843
Ariz.	29,487	8,889	4	75,199	116,812	44,339
Ark.	60,011	19,438	18	138,430	164,922	39,148
Calif.	36,291	10,803	10	19,126	27,227	10,162
Colo.	26,362	5,941	13	18,424	26,888	8,215
Conn.	0	0	0	0	0	0
Del.	0	0	0	0	0	0
Fla.	36,206	12,988	8	66,469	107,499	29,553
Ga.	124,493	33,572	30	211,741	317,603	60,866
Hawaii	0	0	0	0	0	0
Idaho	9,996	260	7	10,132	15,898	3,128
Ill.	57,133	6,725	23	79,900	126,466	22,640
Ind.	59,272	10,947	29	76,182	114,481	18,090
Iowa	86,687	4,231	75	150,984	230,163	38,052
Kans.	100,879	12,523	33	120,460	182,859	39,417
Ky.	102,147	16,931	16	147,260	204,000	33,662
La.	49,609	14,282	19	67,935	99,500	22,087
Maine	15,732	4,047	8	41,864	59,426	12,270
Md.	2,961	335	1	2,569	4,081	852
Mass.	784	808	1	2,804	2,601	496
Mich.	43,339	3,482	23	43,196	61,251	10,475
Minn.	137,094	20,710	62	218,008	314,277	58,559
Miss.	35,964	6,036	16	44,244	63,887	10,817
Mo.	99,560	10,080	26	201,888	279,140	56,396
Mont.	65,836	0	10	23,961	37,239	14,535
Nebr.	40,612	6,097	27	50,896	73,335	14,145
Nev.	2,763	2,351	4	3,679	5,988	3,438
N.H.	3,710	2,735	3	6,455	10,844	2,735
N.J.	14,295	7,577	3	19,380	34,009	10,055
N. Mex.	15,012	0	6	6,888	11,028	2,682
N.Y.	25,817	14,960	24	80,106	119,599	23,008
N.C.	114,613	15,179	17	170,762	261,379	42,777
N. Dak.	97,419	6,123	13	60,354	97,946	19,414
Ohio	8,840	692	13	12,430	17,406	2,506
Okl.	93,886	34,444	32	100,199	143,288	30,568
Oreg.	24,965	8,078	19	36,555	56,802	12,968
Pa.	55,659	21,039	25	234,801	411,472	70,523
R.I.	0	0	0	0	0	0
S.C.	104,386	35,812	19	119,356	193,151	34,759
S. Dak.	71,419	1,173	18	47,832	74,205	13,787
Tenn.	106,704	29,728	31	153,039	224,837	34,556
Tex.	213,032	24,693	53	251,628	383,288	93,699
Utah	11,402	1,795	6	7,529	10,780	2,214
Vt.	3,087	1,393	4	3,543	5,678	2,079
Va.	37,651	12,374	12	41,818	60,087	10,222
Wash.	24,378	1,881	14	18,669	26,322	6,845
W. Va.	27,924	3,098	9	46,046	61,169	10,092
Wis.	142,647	46,665	84	213,206	327,746	58,818
Wyo.	7,443	1,491	7	6,204	9,560	3,040
U.S.	2,510,609	515,020	895	3,599,060	5,388,071	1,084,210
Guam	6,297	0	0	0	0	2,394
P.R.	10,000	0	0	0	0	0
Total	2,526,906	515,020	895	3,599,069	5,388,071	1,086,604

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 707.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported by 896 borrowers.

Rural Electrification Administration.



**Table 707.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1978<sup>1</sup>**

State	Total financing				Route miles of line provided for by financing (total)	Subscribers provided for by financing		
	Borrowers	REA loans	RTB loans	REA guarantee commitments		Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
Ala.	24	95,620	41,187	19,387	19,018	124,540	104,737	19,812
Alaska	6	20,335	18,711	8,090	8,470	28,341	19,614	8,827
Aris.	4	30,783	21,132	0	12,514	72,254	83,861	18,393
Ark.	19	63,398	34,118	25,244	21,384	146,900	102,172	44,728
Calif.	11	41,271	17,866	10,440	8,455	174,408	187,145	17,263
Colo.	14	31,954	9,555	0	7,736	22,128	12,422	9,706
Conn.	0	0	0	0	0	0	0	0
Del.	0	0	0	0	0	0	0	0
Fla.	9	37,662	26,096	49,958	11,431	88,045	76,376	11,669
Ga.	31	182,972	67,891	43,680	40,071	248,010	204,340	44,270
Hawaii	0	0	0	0	0	0	0	0
Idaho.	7	12,113	3,481	0	2,870	11,655	8,467	3,188
Ill.	25	59,766	9,716	0	18,800	97,574	31,807	65,767
Ind.	32	70,517	12,664	0	13,466	93,128	48,962	44,166
Iowa.	75	95,682	8,404	0	27,745	133,685	25,355	108,330
Kans.	31	125,577	32,958	0	39,491	124,722	40,757	83,965
Ky.	17	121,057	33,090	16,000	24,484	164,395	189,220	25,175
La.	19	58,208	21,765	13,925	9,460	73,488	61,733	11,762
Maine.	8	18,926	10,872	5,300	4,241	36,353	25,287	11,066
Md.	1	2,061	605	0	298	3,531	2,261	1,270
Mam.	1	1,835	520	0	123	2,303	1,655	548
Mich.	26	47,129	5,494	5,600	8,157	62,741	35,153	27,588
Minn.	63	157,025	32,141	10,239	49,367	227,340	126,395	100,945
Miss.	16	32,591	6,036	7,155	9,420	50,586	41,747	8,839
Mo.	29	117,542	32,114	11,470	47,125	185,277	108,651	76,626
Mont.	10	76,746	0	0	20,931	26,181	21,896	4,285
Nebr.	30	87,020	7,557	0	18,311	58,994	14,585	41,439
Nev.	4	2,763	3,190	0	899	4,040	2,636	1,404
N.H.	3	4,383	3,812	0	635	7,741	4,093	3,648
N.J.	3	14,295	12,669	6,500	3,182	23,944	19,342	4,602
N. Mex.	6	24,200	0	0	4,573	8,192	4,171	4,021
N.Y.	27	33,684	26,340	23,645	9,693	102,972	28,537	74,435
N.C.	20	137,671	28,307	8,500	22,286	169,301	181,398	17,903
N. Dak.	13	110,664	6,648	0	30,286	60,816	34,779	26,037
Ohio.	14	10,595	1,914	0	2,148	18,636	7,223	8,413
Okl.	32	108,877	55,808	2,744	26,548	116,516	72,744	43,772
Oreg.	23	29,221	16,410	0	6,798	46,245	28,318	17,927
Pa.	27	61,593	85,650	44,302	26,949	282,381	105,078	177,303
R.I.	0	0	0	0	0	0	0	0
S.C.	19	126,196	63,086	7,885	19,785	148,712	131,081	17,631
S. Dak.	18	81,316	10,770	0	23,897	51,032	22,286	28,746
Tenn.	21	149,386	46,352	14,358	24,024	175,750	148,517	27,233
Tex.	57	255,895	53,518	30,531	74,982	273,585	198,537	75,018
Utah.	6	16,550	2,308	0	2,250	9,879	8,308	1,571
Vt.	4	3,887	4,823	0	741	7,101	4,487	2,614
Va.	13	41,939	15,903	0	10,326	62,997	46,075	16,922
Wash.	17	26,593	6,210	0	7,515	53,739	21,382	32,357
W. Va.	10	38,399	3,326	5,250	7,336	60,754	31,430	19,324
Wis.	88	156,905	73,079	23,700	37,024	228,166	104,425	123,741
Wyo.	7	9,777	5,483	0	2,672	9,213	7,450	1,763
Guam.	1	27,449	0	0	974	23,047	11,836	11,191
P.R.	1	25,000	0	0	2,554	17,004	2,619	14,385
U.S.	942	3,043,007	979,228	393,873	770,397	4,202,828	2,661,212	1,541,616

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

Table 708.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1976 and 1977<sup>1</sup>

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1976	1977	1976	1977	1976	1977
	Thousands	Thousands	Percent	Percent	Dollars	Dollars
Ala.	64	65	83	84	10.00	11.90
Ariz.	5	5	82	82	13.00	15.00
Ark.	60	61	87	88	8.70	9.20
Calif.	63	63	98	98	10.00	11.10
Colo.	28	28	94	94	9.00	9.30
Conn.	4	4	90	89	8.50	9.70
Del.	3	3	96	97	9.30	9.50
Fla.	20	30	90	91	10.20	12.00
Ga.	66	66	91	92	9.50	11.60
Idaho	25	25	94	94	7.60	8.40
Ill.	117	117	96	96	9.90	10.40
Iad.	98	98	94	94	9.70	10.20
Iowa	150	150	98	98	8.10	8.40
Kans.	74	74	94	94	8.00	8.50
Ky.	100	110	88	89	8.30	9.00
La.	42	4	89	90	9.90	10.00
Maine	7	7	96	97	9.70	9.90
Md.	17	16	94	94	10.50	11.50
Mass.	6	6	99	99	9.40	10.40
Mich.	75	75	96	96	8.30	8.50
Minn.	115	114	97	97	8.30	9.30
Miss.	68	70	82	85	8.70	10.70
Mo.	128	128	93	93	7.90	8.00
Mont.	22	22	92	93	9.00	9.50
Nebr.	65	65	96	96	8.10	8.50
Nev.	2	2	85	90	7.50	8.60
N.H.	3	3	97	97	9.50	10.40
N.J.	8	8	98	98	9.40	10.10
N. Mex.	9	9	73	74	9.30	11.50
N.Y.	57	57	98	98	10.00	10.80
N.C.	105	109	84	87	9.30	9.60
N. Dak.	37	37	90	91	9.00	9.80
Ohio	100	100	94	94	9.90	10.80
Okl.	78	79	91	92	7.50	8.20
Oreg.	31	31	95	95	8.30	8.60
Pa.	69	69	96	96	7.80	8.20
R.I.	1	1	99	98	10.40	11.00
S.C.	40	41	85	87	9.80	10.80
S. Dak.	39	40	92	93	9.00	9.00
Tenn.	112	112	90	90	9.30	9.50
Tex.	172	170	84	83	10.00	10.00
Utah	12	12	94	94	8.50	8.70
Vt.	6	6	96	97	9.70	10.50
Va.	66	66	91	92	9.80	10.30
Wash.	38	39	96	97	7.40	8.50
W. Va.	24	24	89	89	9.50	9.60
Wis.	98	99	96	97	9.10	9.60
Wyo.	7	9	91	92	9.90	10.50
U.S.	2,543	2,518	92	92	9.00	9.52

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 709.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1963-77<sup>1</sup>

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	Thousands	Percent	Dollars		Thousands	Percent	Dollars
1963.....	2,528	74	4.78	1971.....	2,455	85	5.96
1964.....	2,563	75	4.87	1972.....	2,468	86	6.27
1965.....	2,586	77	4.98	1973.....	2,471	87	6.45
1966.....	2,540	79	5.08	1974.....	2,497	88	7.16
1967.....	2,516	80	5.15	1975.....	2,534	90	7.87
1968.....	2,492	82	5.30	1976.....	2,543	92	9.00
1969.....	2,450	83	5.35	1977.....	2,518	92	9.63
1970.....	2,444	84	5.72				

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## CHAPTER XI

### STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 710.—Commodity Credit Corporation: Price support granted on 1976 crop, United States and Territories <sup>1</sup>**

Commodity	Unit	Through June 30, 1977	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland.....	Bale.....	0.9	160.2
Cotton, extra-long staple.....	do.....	( <sup>2</sup> )	3.8
Seed cotton, upland.....	Pound.....	12.2	4.5
Wheat.....	Bushel.....	482.7	1,100.7
Corn.....	do.....	274.7	413.0
Milk and butterfat:			
Butter.....	Pound.....	139.6	130.5
Cheese.....	do.....	111.1	108.0
Dried milk.....	do.....	311.3	194.9
Tobacco.....	do.....	280.3	369.2
Rice, rough.....	Cwt.....	23.4	145.6
Grain sorghum.....	Bushel.....	22.2	31.8
Peanuts, farmers' stock.....	Pound.....	553.9	165.6
Oats.....	Bushel.....	4.4	3.0
Barley.....	do.....	18.5	22.0
Beans, dry edible.....	Pound.....	.1	1.8
Rye.....	Bushel.....	.1	.2
Soybeans.....	do.....	23.1	55.5
Special purchase programs <sup>3</sup> .....	do.....		180.1
<b>Total.....</b>			<b>3,091.4</b>

<sup>1</sup> Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup> Less than 50,000.

<sup>3</sup> Commodities included in "Special purchase programs" for 1976 crop are corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, milled rice, sorghum grits, and peanut products.

Agricultural Stabilization and Conservation Service.

Table 711.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1972-77<sup>1</sup>

Commodity	Unit	1972		1973		1974	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		1,000 dollars		1,000 dollars
Barley.....	1,000 bushels.....	42,373	35,580	15,373	13,541	6,889	7,389
Corn.....	1,000 bushels.....	419,732	434,428	260,608	271,747	76,783	85,273
Cotton.....	1,000 bales.....	1,945	176,722	1,788	167,131	2,464	303,878
Seed cotton.....	1,000 pounds.....	2,038	355	18,944	3,302	7,517	1,788
Dry beans.....	1,000 cwt.....	947	6,224	70	472	110	743
Flaxseed.....	1,000 bushels.....	516	1,375	138	342	63	188
Honey.....	1,000 pounds.....	19,770	2,892	12,083	2,018	12,811	2,616
Naval stores: Rosin.....	1,000 pounds.....	31,800	18,615	10,362	5,358	3,888	2,147
Oats.....	1,000 bushels.....	518.4	154,630	513.2	167,702	835.9	196,841
Peanuts.....	1,000 tons.....	22,928	127,207	19,145	123,081	9,256	73,030
Rice.....	1,000 bushels.....	6,695	5,593	443	389	196	177
Sorghum grain.....	1,000 bushels.....	29,770	29,113	18,630	17,609	3,912	4,237
Soybeans.....	1,000 bushels.....	90,543	202,283	124,174	278,241	35,554	78,125
Storage facility and equipment <sup>2</sup> .....			120,301		156,565		92,067
Tobacco.....	1,000 pounds.....	80,437	46,872	31,982	33,78 <sup>3</sup>	23,418	26,818
Wheat.....	1,000 bushels.....	142,977	173,790	59,935	72,192	38,430	49,879

  

Commodity	Unit	1975		1976		1977	
		Quantity pledged	Face amount	Quantity pledged <sup>3</sup>	Face amount <sup>3</sup>	Quantity pledged <sup>3</sup>	Face amount <sup>3</sup>
			1,000 dollars		1,000 dollars		1,000 dollars
Barley.....	1,000 bushels.....	9,185	8,419	18,127	20,768	44,806	60,730
Corn.....	1,000 bushels.....	146,978	161,606	274,809	413,024	31,226	64,548
Cotton.....	1,000 bales.....	701	109,204	952	164,040	38	8,305
Seed cotton.....	1,000 pounds.....	12,998	4,302	12,321	4,446		
Dry beans.....	1,000 cwt.....						
Flaxseed.....	1,000 bushels.....						
Honey.....	1,000 pounds.....					4,705	1,546
Naval stores: Rosin.....	1,000 pounds.....	2,769	463				
Oats.....	1,000 bushels.....	3,928	2,159	4,368	2,838	48,543	45,942
Peanuts.....	1,000 tons.....	567.9	223,181	428.9	170,978	68.6	27,941
Rice.....	1,000 cwt.....	21,460	184,162	23,416	145,515	4,807	30,067
Sorghum grain.....	1,000 bushels.....	87	74	144	159	647	986
Soybeans.....	1,000 bushels.....	8,794	9,111	21,047	28,964	46,531	92,831
Storage facility and equipment <sup>2</sup> .....			22,824		65,824		186,094
Tobacco.....	1,000 pounds.....	262,617	318,801	283,404	372,578	43,275	86,271
Wheat.....	1,000 bushels.....	47,790	65,167	472,669	1,068,277	406,773	938,533

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation.<sup>2</sup> Cumulative from inception of program through Sept. 30, 1977.<sup>3</sup> Loans through Sept. 30, 1977.

Agricultural Stabilization and Conservation Service.

Table 712.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1963-77<sup>1</sup>

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million pounds
1963-----	41	290	40	849	5,955	0.2	3.2	585	554
1964-----	23	61	33	835	7,793	.7	2.9	587	151
1965-----	18	32	( <sup>2</sup> )	830	10,165	.1	5.2	493	131
1966-----	7	153	80	156	8,389	( <sup>2</sup> )	9.1	332	( <sup>2</sup> )
1967-----	6	133	65	138	1,247	.3	2.1	163	191
1968-----	6	124	( <sup>2</sup> )	201	135	( <sup>2</sup> )	2.9	192	268
1969-----	49	72	7	296	2,321	( <sup>2</sup> )	7.7	188	212
1970-----	28	108	4	215	2,077	.1	19.1	163	119
1971-----	36	104	7	144	( <sup>2</sup> )	( <sup>2</sup> )	24.0	58	80
1972-----	9	108	0	140	( <sup>2</sup> )	0	7.7	37	26
1973-----	1	18	0	70	( <sup>2</sup> )	0	.1	8	2
1974-----	( <sup>2</sup> )	17	2	6	( <sup>2</sup> )			1	172
1975-----	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>2</sup> )				442
1976-----		21	5	( <sup>2</sup> )				( <sup>2</sup> )	483
1977-----	( <sup>2</sup> )	198	95	1	( <sup>2</sup> )			1	708

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1963-----	19	84	1.5	0.9	( <sup>2</sup> )		982	5,023
1964-----	33	40	1.1	.5	( <sup>2</sup> )	15	712	4,611
1965-----	41	37	.8	5.7	( <sup>2</sup> )	15	872	4,110
1966-----	47	78	.4	8.2		15	216	2,340
1967-----	45	35	.1	6.7	7	9	109	1,005
1968-----	46	6	( <sup>2</sup> )	9.0	53	12	100	1,064
1969-----	76	6	6.4	11.7	178	28	168	1,784
1970-----	146	2	6.9	17.6	( <sup>2</sup> ) 80	42	283	1,594
1971-----	199	10	4.9	24.0	0	38	372	1,144
1972-----	172	8	.6	29.8	0	27	267	830
1973-----	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	0	19	139	394
1974-----	69			2.6		1	15	188
1975-----	36	365	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	402
1976-----	3	92	19.1				( <sup>2</sup> )	634
1977-----	( <sup>2</sup> )	( <sup>2</sup> )	18.6				34	1,104

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup> Less than 500,000 units.

<sup>3</sup> Less than 50,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

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Table 713.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1963-77<sup>1</sup>

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	Million bushels	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million bushels
1963.....	32	582	5,686	2.3	10.3	121	49
1964.....	28	550	5,039	1.0	5.4	93	67
1965.....	20	459	4,002	.5	3.5	108	73
1966.....	16	392	1,674	2.7	1.6	54	57
1967.....	38	418	539	.5	2.2	67	56
1968.....	114	633	2,165	1.4	5.0	107	113
1969.....	106	567	2,452	1.5	9.4	76	194
1970.....	100	454	1,492	1.1	8.9	43	235
1971.....	108	781	572	.7	5.6	114	223
1972.....	97	735	2,411	.7	.4	58	199
1973.....	22	190	900	.1	.1	14	46
1974.....	4	49	960	.1	(*)	2	3
1975.....	6	110	333			6	3
1976.....	12	206	2,186			16	4
1977.....	65	765	2,576			157	90

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>4</sup>
	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1963.....	320	5.0	0.9	50	879	173	2,928
1964.....	369	5.5	3.3	24	1,196	190	2,802
1965.....	420	7.8	4.7	65	1,126	181	2,598
1966.....	450	11.6	1.6	115	1,008	153	2,069
1967.....	393	12.7	1.5	181	1,147	252	2,355
1968.....	340	17.7	3.6	330	1,103	536	3,605
1969.....	349	18.7	4.8	257	1,138	706	3,628
1970.....	768	15.4	8.2	144	1,224	477	2,973
1971.....	882	23.4	14.8	140	1,061	486	3,186
1972.....	878	15.0	12.8	71	746	305	2,438
1973.....	956	13.6	.6	99	561	32	11,266
1974.....	995	6.1	.1	19	305	20	681
1975.....	1,135	8.9	.1	(*)	335	32	871
1976.....	841	10.5	.1	13	585	223	1,796
1977.....	302	15.0	.6	68	665	740	5,414

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.<sup>3</sup> Includes extra-long staple.<sup>4</sup> Less than 500,000 units.<sup>5</sup> Value of all commodities outstanding under loan, including those not shown.

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Table 714.—Commodity Credit Corporation: Loan transactions for fiscal year 1977, by commodities<sup>1</sup>

Commodity	Unit	Loans outstanding Oct. 1, 1976's	New loans made	Repayments	Collateral acquired in settlement	Loans written off's	Loans outstanding Sept. 30, 1977	
							Value *	Quantity collateral remaining pledged
Basic commodities:								
Corn.....	Bushel.....	1,000 dollars 25,350	1,000 dollars 475,247	1,000 dollars 261,001	1,000 dollars 5	1,000 dollars 403	1,000 dollars 239,338	1,000 units 146,185
Cotton.....	Bale.....	3,935	172,347	103,146	(*) 17	17	13,119	13,119
Seed cotton, upland.....	Pound.....	4,446	13,446	4,446	223	44,817	27,344	137,398
Peanuts.....	Pound.....	22,731	130,137	145,925	765	29,146	29,146	4,468
Wheat.....	Bushel.....	25,749	150,137	145,925	765	182	652,420	556,038
Tobacco.....	Pound.....	491,394	285,175	323,967	22,215	214	1,814,240	792,002
Wheat.....	Bushel.....	77,789	1,939,860	181,100	22,215	214	1,814,240	792,002
Total.....		697,208	3,187,457	1,060,567	22,208	45,623	2,770,257	
Designated nonbasic commodities:								
Soybeans.....	Bushel.....	6,370	81,943	16,210	1	14	73,082	49,434
Sorghum grain.....	do.....	1,021	121,432	16,663	4	5	106,351	56,468
Honey.....	Pound.....	1,546	1,546	65			1,481	4,506
Oats.....	Bushel.....	1,166	47,875	2,887	20	20	46,134	45,984
Rye.....	do.....	60	1,089	131			1,018	663
Total.....		9,217	253,883	35,968	5	39	227,072	
Other nonbasic commodities:								
Soybeans.....	Bushel.....	828	56,918	52,158		4	5,552	2,066
Naval stores (resin).....	Pound.....	455	8	339			124	700
Total.....		1,281	56,926	52,497		4	5,706	2,766
Other loans:								
Storage facility and equipment.....		183,141	156,904	73,447		117	235,481	
Total.....		182,141	156,904	73,447		117	235,481	
Grand total.....		859,847	3,621,172	1,167,497	23,213	45,793	3,244,516	

<sup>1</sup> Loans made directly by Commodity Credit Corporation.<sup>2</sup> Book value of assets less loans outstanding less amounts and any charges paid.<sup>3</sup> Includes transfers to accounts receivable.<sup>4</sup> Less than \$500.

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Table 715.—Commodity Credit Corporation: Loans made in fiscal year 1977, by States and Territories <sup>1</sup>

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.		300	390	95			91	1,498	2,670
Ark.			25,121	83			1,310	63	26,577
Calif.	5,180	229	1,380	3,935			3,625	72,796	81,974
Colo.	410	5,308	81,206	21			3,852	22,410	122,637
Conn.		8		903			69,378	3,105	79,104
Del.		249					40	37	326
Fla.		350		2	827		8	537	1,724
Ga.	9	7,974	547	20	79,092		635	3,986	92,272
Idaho.	5,058	33					31,658	3,974	40,723
Ill.	28	53,677		144			17,917	18,571	90,337
Ind.		31,969		9			6,846	12,831	51,655
Iowa.	4	101,736		134			1,306	30,237	133,417
Kans.	225	18,841		9,799			473,332	8,492	510,889
Ky.	3	5,537		74		57,744	1,048	2,603	67,909
La.		49	693	167			327	13,746	14,982
Maine.								33	33
Md.	37	3,492					119	688	4,236
Mass.						313			313
Mich.	66	13,744		66			10,370	3,358	27,604
Minn.	25,709	48,432		3			175,288	41,839	291,299
Miss.		104	5,834	46			320	8,906	14,910
Mo.	8	19,944	286	7,310			37,437	8,779	73,664
Mont.	3,291						140,320	9,169	152,780
Nebr.	260	73,750		9,049			125,627	16,739	224,434
Nev.			318				151	53	522
N.J.	7	652					87	233	979
N. Mex.	53	2,357	736	807			12,008	472	16,523
N.Y.	1	3,825					3,280	1,620	8,732
N.C.	53	8,225	117	316	50	224,340	458	2,840	236,399
N. Dak.	29,935	1,233					263,656	15,385	328,209
Ohio.	3	11,693		6		231	13,182	8,204	33,316
Okl.	131	537	3,328	609			184,136	4,028	193,069
Oreg.	511						23,706	1,307	25,327
Pa.	44	4,118		8			282	1,292	5,744
P.R.						2,447			2,447
S.C.	7	4,275	162	22			317	1,630	6,422
S. Dak.	9,560	1,880	86				85,545	25,228	122,299
Tenn.		3,552	288	16		15	808	2,173	6,852
Texas.	78	31,154	56,673	87,586	17,790		136,332	48,822	378,435
Utah.	178			1			1,996	328	2,503
Vt.								16	16
Va.	108	3,889		13	26,366		496	1,775	34,663
Wash.	775	102					81,372	1,177	83,326
W. Va.		15						23	40
Wis.	100	11,228		3		23	1,147	3,946	16,447
Wyo.	102	44					5,563	613	6,322
Total.	81,943	475,246	176,794	121,432	126,125	283,176	1,930,980	414,476	3,621,172

<sup>1</sup> Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

<sup>2</sup> Includes storage facility and equipment loans.

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Table 716.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1963-77

Date	Inventory after revaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1963:					
March.....	4,736.2	2,115.4	1,313.8	3,429.2	8,165.4
June.....	4,725.9	1,696.5	834.1	2,530.6	7,256.5
September.....	5,490.8	1,393.6	256.4	1,650.0	7,140.8
December.....	5,023.0	2,215.7	711.0	2,927.6	7,950.6
1964:					
March.....	4,516.2	2,758.0	580.7	3,338.7	7,854.9
June.....	4,338.3	2,352.2	377.4	2,759.6	7,097.9
September.....	5,136.3	1,596.5	1,796.1	3,392.6	8,524.4
December.....	4,611.4	2,261.7	540.2	2,801.9	7,413.3
1965:					
March.....	4,172.8	2,390.9	627.2	3,018.1	7,190.9
June.....	3,802.2	2,075.3	419.1	2,494.4	6,386.6
September.....	4,485.8	1,566.6	181.5	1,748.1	6,233.9
December.....	4,108.9	2,065.5	532.5	2,598.0	6,706.9
1966:					
March.....	3,570.7	2,184.4	603.4	2,787.8	6,358.5
June.....	3,112.9	1,344.1	855.2	2,199.4	5,312.3
September.....	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December.....	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March.....	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June.....	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September.....	1,518.6	401.0	979.2	1,380.2	2,898.8
December.....	997.0	618.6	1,736.7	2,355.5	3,352.3
1968:					
March.....	920.4	928.5	1,589.2	2,517.7	3,438.1
June.....	912.7	1,344.7	923.5	2,268.2	3,180.9
September.....	987.6	1,504.4	890.4	2,394.8	3,382.4
December.....	1,067.2	2,454.3	1,148.7	3,605.0	4,662.2
1969:					
March.....	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June.....	1,244.5	1,744.8	1,589.5	3,334.0	4,578.5
September.....	1,927.4	2,179.4	865.3	2,744.7	4,672.1
December.....	1,782.6	3,285.8	342.4	3,628.2	5,410.5
1970:					
March.....	1,606.6	3,829.0	195.7	3,724.7	5,421.3
June.....	1,858.1	2,788.3	-----	2,788.3	4,646.4
September.....	1,894.0	2,294.5	-----	2,294.5	4,188.5
December.....	1,593.5	2,973.4	-----	2,973.4	4,566.9
1971:					
March.....	1,208.7	2,838.8	-----	2,838.8	4,047.5
June.....	1,207.9	1,850.1	-----	1,850.1	3,068.0
September.....	1,229.9	1,971.8	-----	1,971.8	3,201.7
December.....	1,118.2	3,186.0	-----	3,186.0	4,304.2
1972: <sup>1</sup>					
March.....	1,055.0	3,122.0	-----	3,122.0	4,177.0
June.....	1,090.1	2,277.4	-----	2,277.4	3,367.5
September.....	972.3	1,955.1	-----	1,955.1	2,927.4
December.....	829.6	2,438.4	-----	2,438.4	3,268.0
1973:					
March.....	680.0	2,088.7	-----	2,088.7	2,748.7
June.....	478.7	1,143.9	-----	1,143.9	1,622.6
September.....	439.4	703.9	-----	703.9	1,143.3
December.....	393.7	1,265.9	-----	1,265.9	1,669.6
1974:					
March.....	359.3	885.8	-----	885.8	1,245.1
June.....	114.2	449.2	-----	449.2	563.4
September.....	172.8	394.6	-----	394.6	567.4
December.....	188.2	681.8	-----	681.8	870.0
1975:					
March.....	253.5	619.2	-----	619.2	872.7
June.....	416.1	333.6	-----	333.6	749.7
September.....	453.7	506.5	-----	506.6	960.2
December.....	402.4	871.0	-----	871.0	1,273.4
1976:					
March.....	555.8	762.2	-----	762.2	1,318.0
June.....	658.6	480.5	-----	480.5	1,339.1
September.....	607.2	707.7	-----	707.7	1,314.9
December.....	634.3	1,786.5	-----	1,786.5	2,420.8
1977:					
March.....	682.9	1,990.5	-----	1,990.5	2,673.4
June.....	824.9	2,142.7	-----	2,142.7	2,967.6
September.....	984.9	3,009.0	-----	3,009.0	3,993.9
December.....	1,104.4	5,414.0	-----	5,414.0	6,518.4

<sup>1</sup> Since 1971, reflects total CCC loans and inventories.  
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Table 717.—Commodity Credit Corporation: Selected inventory transactions, program and commodity, fiscal year 1977

Program and commodity		Quantity					Value				
		Inventory Oct. 1, 1976	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Sept. 30, 1977	Inventory Oct. 1, 1976	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1977
Unit		Thousands	Thousands	Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Feed grains:</b>											
Barley.....	Bushel	86	964	4	1,029	24	281	2,498	5	2,747	50
Corn.....	do	.....	.....	.....	67,763	18	.....	6,077	6	6,109	38
Corn products.....	Pound	.....	67,764	.....	1,061	.....	.....	2,538	.....	2,902	.....
Grain sorghum.....	Bushel	.....	117,771	3	117,771	.....	.....	11,869	.....	12,108	.....
Sorghum grits.....	Pound	.....	( <sup>a</sup> )	.....	5,549	7	4,066	( <sup>a</sup> )	.....	4,242	4
Oats.....	Bushel	6,413	52,606	.....	52,606	.....	.....	7,103	.....	7,246	.....
Oats, rolled.....	Pound	.....	.....	.....	.....	.....	.....	.....	.....	( <sup>a</sup> )	.....
Rye.....	Bushel	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total feed grains.....</b>											
Wheat.....	Bushel	14	17,720	9,904	17,603	9,923	49	30,085	12	35,444	63
Wheat flour.....	Pound	183	539,770	.....	516,587	312	18	49,592	22,708	49,470	22,803
Wheat products, other.....	do	.....	494,586	.....	494,586	.....	.....	49,745	.....	48,286	18
Rice, milled.....	Cwt	.....	439	.....	859	11	14	39,314	.....	40,113	.....
Rice, rough.....	do	19,084	46	95	16	18,568	166,411	6,000	( <sup>a</sup> )	13,523	187
Cotton, upland.....	do	.....	.....	.....	.....	.....	.....	.....	.....	119	101,297
<b>Dairy products:</b>											
Butter.....	Pound	.....	247,823	.....	52,553	190,362	.....	240,067	.....	52,098	186,132
Cheese.....	do	90	170,590	.....	71,322	92,144	87	167,632	.....	69,908	92,834
Milk, dried.....	do	433,641	472,148	.....	218,137	683,362	263,472	313,066	.....	136,631	434,160
<b>Total dairy products.....</b>											
<b>Oil and oilseeds:</b>											
Peanut butter.....	Pound	224,442	521	1,005	1,554	757	46,924	107	172	135	446
Peanut products.....	do	38	20,290	.....	19,123	.....	.....	12,400	.....	11,046	.....
Peanut butter.....	do	.....	6,568	.....	2,780	3,005	.....	3,000	.....	1,350	1,416
Peanut oil, crude.....	do	233,628	.....	.....	64,846	177,893	126,150	.....	.....	3,878	93,703
Peanut oil, refined.....	do	118	.....	.....	18,949	1,536	88	2,873	.....	34,972	1,286
Soya flour.....	do	.....	18,949	.....	18,949	.....	.....	.....	.....	2,930	.....
<b>Totals oils and oilseeds.....</b>											
Blended foods.....	Pound	.....	290,940	.....	229,473	.....	172,287	18,479	172	54,311	96,851
Blended foods.....	do	.....	.....	.....	.....	.....	.....	31,530	.....	50,580	.....

Blended foods.	Pound.	200,940	229,473	31,530	90,660
Grains and seeds:					
Feed for Government facilities.	Cwt.	11	11	101	109
Foundation seeds.	Pound	73	443	130	353
		560			431
Total grains and seeds.				231	455
Peas, dry whole.	Pound	21,356			
Vegetable oil products.	Pound	65,794			
				3,428	3,485
				23,868	24,368
Total inventory operations.				973,623	578,807
				23,786	964,866

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1 Sales do not reflect commodity donations.  
\$500 or less.

Table 718.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1977

Commodity	Export		Domestic					Total export and domestic
	Public Law 480, Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations <sup>1</sup>	Inventory adjustments and other recoveries (domestic)	Total domestic	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Food grains:								
Corn	2,593	2,593	(1)	97		271	367	3,960
Corn products	6,077	6,077						6,077
Grain sorghum	2,757	2,757						2,757
Sorghum grits	11,869	11,869	3,456		258	13	3,726	11,869
Oats								3,726
Oats, rolled	7,103	7,103						7,103
Wheat	80,736	80,736	82			359	441	81,177
Wheat products, other	37,324	37,324			2,407	2	2,412	39,736
Wheat, hard red	39,313	39,313						39,313
Rice, milled	7,446	7,446		4,396	1,300	3	5,699	13,145
Rice, rough			134			74		208
Cotton, upland					(*)		(*)	(*)
Dairy products:								
Butter			24	49,812	4,662	60	54,558	54,558
Cheese			35	65,176	9,833	47	75,191	75,191
Milk, dried	79,697	79,697	37,984	12,447	3,344	6,008	59,783	139,480
Oils and oilseeds:								
Peanut, granules				3,375	239	15	3,629	3,629
Roasted peanuts				7,120	1,218	20	8,358	8,358
Peanut butter				1,313	361	(*)	1,674	1,674
Peanuts, farmers' stock			289		10		299	299
Peanut oil, crude			7,276			914	8,190	8,190
Peanut oil, refined	12,345	12,345		10,115		17	22,477	31,771
Peanut oil, shortening				10,500	15,249	10	25,749	25,749
Peanut oil, margarine				8,922	14,651	34	23,607	23,607
Soya flour	2,872	2,872			(*)		2,872	2,872
Blended foods	49,077	49,077				95	95	49,172

\* \$500 or less.

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\* Denotes negative item which results from adjustment of prior activity.



Table 719.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 1977<sup>1</sup>

State	Payees	Payments	State	Payees	Payments	State	Payees	Payments
	Number	1,000 dollars		Number	1,000 dollars		Number	1,000 dollars
Kans.....	131,807	235,486	Ala.....	28,129	29,662	W. Va.....	13,595	4,507
Tex.....	90,055	153,399	Iowa.....	34,469	29,901	Md.....	8,173	3,398
N. Dak.....	66,954	122,301	Wis.....	30,320	26,337	Nev.....	898	2,590
S. Dak.....	48,223	93,817	Miss.....	24,404	23,853	Maine.....	2,820	2,099
Nebr.....	77,976	91,429	Oreg.....	11,155	23,532	Vt.....	2,819	2,026
Minn.....	70,404	86,846	Mich.....	40,608	22,061	N.J.....	2,408	1,116
Okl.....	87,496	82,610	Ind.....	64,162	21,821	P.R.....	1,975	1,114
Calif.....	16,790	81,446	N.C.....	62,122	21,645	N.H.....	1,197	821
Colo.....	22,537	67,931	Fla.....	12,080	21,537	Mass.....	1,227	575
Mont.....	21,321	60,376	Utah.....	9,679	20,514	Del.....	576	419
Wash.....	16,180	35,845	Va.....	28,198	17,108	Conn.....	931	379
Ark.....	35,496	83,527	S.C.....	22,792	15,712	Alaska.....	83	127
Mo.....	83,718	51,183	N. Mex.....	9,648	14,272	R.I.....	204	63
Ga.....	37,726	51,183	Tenn.....	30,952	12,370	V.I.....	19	40
Hawaii.....	(2)	49,062	Wyo.....	4,971	9,984	Undistributed.....		1,694
La.....	22,394	47,831	N.Y.....	14,534	8,576			
Idaho.....	18,271	42,859	Pa.....	20,707	7,476	Total.....	1,494,251	1,853,329
Ohio.....	74,976	33,150	Ky.....	28,917	7,192			
Ill.....	94,806	32,082	Ariz.....	7,018	4,713			

<sup>1</sup> States are arranged according to size of payments.<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service.

Table 720.—Agricultural Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1973-77

Program and commodity	1973	1974	1975	1976	1977
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Feed grain.....	1,142,048	100,404	278,765	195,545	187,288
Rice.....				87	130,253
Wheat.....	474,294	70,087	76,975	135,370	887,307
Cotton, upland.....	713,766	36,963	134,436	106,729	88,539
Cotton, extra-long staple.....	4,650	5,015	3,802	1,560	452
Sugar.....	84,724	81,495	63,677	2,896	111,673
Wool and mohair.....	67,810	135	14,882	41,632	7,056
Milk indemnity.....	127	278	140	121	41
Beekeepers indemnity.....	4,805	3,296	3,379	3,108	3,461
Cropland conversion.....	97	111	115		
Conservation reserve.....	<sup>1</sup> (105)	<sup>1</sup> (144)	<sup>2</sup> (2)		
Cropland adjustment.....	47,384	41,048	37,188	19,860	<sup>1</sup> (3)
Appalachian region conservation.....	558	269	135	114	48
Agricultural conservation (REAP, RECP).....	44,895	<sup>1</sup> 169,478	175,720	181,600	181,800
Forestry incentive.....					10,982
Emergency conservation measures.....	16,708	13,951	5,913	14,604	16,465
Drought and flood conservation.....					116,148
Waterbank.....	704	1,395	2,034	2,512	4,578
Miscellaneous.....	<sup>1</sup> 1	<sup>1</sup> (1)		<sup>1</sup> (219)	<sup>1</sup> (64)
Public access.....	1,343	1,401	1,402		
Hay and cattle transportation payments.....				12,671	34,011
Emergency feed.....					16,543
Emergency livestock feed.....					58,751
Grand total.....	2,602,609	525,174	801,046	726,038	1,853,329

<sup>1</sup> Prior year adjustments.<sup>2</sup> Credit.<sup>3</sup> Includes Forestry Incentive Program.

Agricultural Stabilization and Conservation Service.

Table 721.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):  
Disaster payments, by States, 1975-77

State	1975 Program			1976 Program				1977 Program <sup>1</sup>			
	Feed grain	Wheat	Cotton	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.	403	13	5,712	88	2	7,198		12,988	30	10,952	
Ariz.	19	35	5,606	4	37	22		32	5	566	
Ark.	145	445	13	1,864	1,819	6,911	27	34	107	899	111
Calif.	2,856	8,870		3,116	11,224		293	2,902	2,338	105	2,794
Colo.								4,360	12,041		
Conn.								( <sup>2</sup> )			
Del.	1	4		7				1,900	139		
Fla.	381		270	27	( <sup>2</sup> )	73		9,800	1	89	
Ga.	566	48	2,063	508	5	3,276		44,933	35	11,307	
Idaho	347	1,525		355	1,524			4,993	6,809		
Ill.	605	183	12	3,249	436			8,311	114	( <sup>2</sup> )	
Ind.	1,015	45		71	561			684	238		
Iowa	15,227	23		18,894	97			91,668	215		
Kans.	9,562	9,945		9,619	33,621			3,731	27,505		
Ky.	714	37	49	117	135	52		302	53	8	
La.	45	7	5,688	4	2	2,620	37	310	2	1,089	517
Maine								413	2		
Md.	10	6		24	( <sup>2</sup> )			1,760	151		
Mass.								4			
Mich.				1,080	143			1,968	708		
Minn.	20,125	1,632		54,722	1,007			1,041	447		
Miss.	86	12	20,582	15	1	20,140	6	1,674	66	4,119	1
Mo.	11,221	826	2,247	12,954	2,508	8,020		10,179	1,428	1,515	
Mont.	306	1,154		125	1,370			2,613	6,040		
Nebr.	10,601	4,230		24,754	11,711			15,284	9,531		
Nev.		8		1	55			17	15		
N.H.											
N.J.	4	( <sup>2</sup> )						347	388		
N. Mex.	1,123	723	1,097	2,912	5,089	967		2,756	3,139	353	
N.Y.	35	9		300	39			205	27		
N.C.	978	85	678	919	220	503		18,604	279	2,359	( <sup>2</sup> )
N. Dak.	3,162	5,733		5,611	9,159			12,459	23,958		
Ohio	335	68		61	999			277	182		
Okl.	1,009	5,562	4,406	2,545	14,658	2,975		1,592	8,577	988	
Oreg.	51	334		70	1,110			861	6,800		
Pa.	152	30		22	107			78	75		
R.I.											
S.C.											
S. Dak.	23,599	4,446	1,407	53,893	27,411	2,613		8,980	60	5,789	( <sup>2</sup> )
Tenn.	327	195	7,072	62	17	7,705	20	7,846	12,321		
Tex.	7,537	3,895	59,367	16,717	16,638	37,856	45	848	144	2,825	
Utah	85	665		449	968			18,085	9,533	20,652	157
Vt.	6			1				1,029	2,123		
Va.	31	113	2	399	95	3		469	3		
Wash.	4	67		25	275			12,168	404	41	
W. Va.	6	3		3	1			5,560	18,574		
Wis.	2,112	13		9,026	13			137	2		
Wyo.	70	293		38	253			429	18		
U.S.*	114,465	51,211	117,557	224,937	143,390	97,983	483	315,096	156,990	63,646	3,579

<sup>1</sup> Data through Apr. 20, 1978.<sup>2</sup> \$500 or less.<sup>3</sup> Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 722.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1976 and 1977 programs

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice	
			Total (net)		Grain sorghum					Barley
			Corn							
Section I: Total farm data										
1976 PROGRAM										
Farms.....	Number.....	247,995	144,425	114,645	39,572	12,654	89,114	42,943	77	
Payees.....	Number.....	291,235	170,121	129,458	41,978	15,823	114,909	49,519	190	
Production for payment.....	Bushels/pounds <sup>1</sup> .....	466,786,350	224,637,255	180,399,586	24,837,233	9,379,553	143,389,725	97,982,786	483,081	
Average payment per farm.....	Dollars.....	1,855	1,557	1,368	60,074,203	22,043,523	188,670,094	680,435,990	1,754,564	
Average payment per payee.....	Dollars.....	1,602	1,322	1,308	1,168	749	1,609	2,252	6,274	
1977 PROGRAM (as of Apr. 30, 1978)										
Farms.....	Number.....	310,665	230,071	200,630	21,338	18,020	79,591	21,019	439	
Payees.....	Number.....	454,271	315,955	268,270	32,796	20,541	133,054	63,645,533	1,539	
Production for payment.....	Bushels/pounds <sup>1</sup> .....	839,310,427	315,096,066	262,198,433	24,098,789	27,645,514	186,869,314	400,298,573	3,679,417	
Average payment per farm.....	Dollars.....	1,735	1,370	1,307	46,268,486	60,655,870	191,490,644	400,298,573	130,190,573	
Average payment per payee.....	Dollars.....	1,187	998	977	1,171	1,548	1,872	3,028	8,154	
Section II: Prevented planting farm data										
1976 PROGRAM										
Farms.....	Number.....	4,032	2,314	480	1,811	354	752	1,918	5	
Payees.....	Number.....	5,738	3,204	578	2,576	603	1,171	2,965	11	
Production for payment.....	Bushels/pounds <sup>1</sup> .....	9,579,340	3,276,746	265,081	2,720,156	391,500	930,706	6,324,767	47,119	
Average payment per farm.....	Dollars.....	2,275	1,416	500,778	5,440,316	677,904	1,224,618	36,977,569	171,340	
Average payment per payee.....	Dollars.....	1,070	1,092	459	1,056	483	1,160	2,776	9,424	
1977 PROGRAM (as of Apr. 30, 1978)										
Farms.....	Number.....	3,639	2,153	607	327	1,545	2,904	483	213	
Payees.....	Number.....	5,153	2,990	891	450,744	2,171	2,780	669	460	
Production for payment.....	Bushels/pounds <sup>1</sup> .....	9,145,563	2,126,539	371,617	824,744	1,301,190	3,042,400	1,248,529	2,727,794	
Average payment per farm.....	Dollars.....	2,513	988	553	854,707	2,553,186	3,710,247	7,954,275	90,182,494	
Average payment per payee.....	Dollars.....	1,771	709	464	1,865	601	1,064	1,787	2,596	

Section III: Low yield farm data

1976 PROGRAM											
Farms.....	Number.....	245,759	142,493	114,227	28,030	12,330	88,457	41,276	72		
Payees.....	Number.....	280,525	167,828	128,985	40,213	15,300	114,331	47,543	180		
Producer net payment.....	Dollars.....	457,213,494	221,600,551	180,565,511	31,817,069	9,188,068	142,459,015	92,688,019	475,942		
Production for payment.....	Bushels/pounds.....			347,114,423	63,633,862	21,307,619	187,446,074	643,498,422	1,588,244		
Average payment per farm.....	Dollars.....	1,860	1,556	1,582	1,135	745	1,608	2,245	6,053		
Average payment per payee.....	Dollars.....	1,579	1,351	1,401	791	601	1,246	1,549	2,422		
1977 PROGRAM (as of Apr. 30, 1978)											
Farms.....	Number.....	308,122	228,240	199,973	21,947	16,665	77,531	20,551	226		
Payees.....	Number.....	450,425	313,292	287,513	33,237	24,660	130,765	32,136	772		
Producer net payment.....	Dollars.....	530,164,853	312,909,464	261,327,022	24,545,050	26,597,375	183,947,115	63,396,092	831,622		
Production for payment.....	Bushels/pounds.....			459,345,650	45,453,794	57,820,373	187,740,401	392,432,037	30,998,080		
Average payment per farm.....	Dollars.....	1,721	1,371	1,309	1,106	1,594	1,978	3,096	3,768		
Average payment per payee.....	Dollars.....	1,177	999	979	738	1,079	1,177	1,542	1,168		

<sup>1</sup> Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Agricultural Stabilization and Conservation Service. Totals may not add due to rounding.

Table 723.—Area allotments: Area, by crops, United States, 1963-78 <sup>1</sup>

Crop year	Wheat <sup>2</sup>	Cotton <sup>3</sup>		Peanuts <sup>4</sup>	Rice <sup>5</sup>	Tobacco		Feed grain
		Upland	Extra-long staple			Flue-cured <sup>6</sup>	Burley <sup>7</sup>	
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1963	54,846	16,250	150	1,612	1,815	708	349	
1964	* 53,249	16,200	112	1,613	1,815	638	316	
1965	53,261	16,200	78	1,613	1,819	607	257	
1966	51,544	16,200	81	1,613	2,001	607	250	
1967	68,091	16,200	70	1,613	2,001	607	250	
1968	59,254	16,200	70	1,613	2,401	608	250	
1969	51,866	16,200	80	1,612	2,161	608	250	
1970	45,463	17,150	78	1,613	1,836	578	231	
1971	* 19,032	11,500	118	1,613	1,836	578	(?)	
1972	* 19,275	11,500	118	1,613	1,836	578		
1973	* 18,373	10,000	118	1,612	2,222	636		
1974	55,000	11,000	118	1,612	2,100	700		89,000
1975	53,500	11,000	91	1,614	1,803	805		89,000
1976	61,600	11,000	84	1,614	1,800	667		89,000
1977	62,200	11,000	120	1,614	1,800	590		89,000
1978	* 58,100	* 10,248	92	1,614	1,800	580		* 88,700

<sup>1</sup> National area allotments proclaimed by the Secretary of Agriculture under the Agricultural Adjustment Act of 1938, as amended. In most years, allotments were accompanied by marketing quotas.

<sup>2</sup> Excludes increases in allotments granted under special legislation, as for durum for years 1954-57 and 1962, and for small wheat farms, 1964-66.

<sup>3</sup> Adjusted in certain years to include increases granted under special legislation.

<sup>4</sup> Totals of individual allotments. Beginning 1966, flue-cured allotments shown are before adjustments for undermarkings and overmarkings the previous year. Allotments are also proclaimed for types other than flue-cured and burley.

<sup>5</sup> Marketing quotas voted out for 1964 and have not been in effect in succeeding years.

<sup>6</sup> Agricultural Act of 1970 changed wheat allotments to domestic allotments for 1971, 1972, and 1973.

<sup>7</sup> Discontinued.

<sup>8</sup> Preliminary national program acreage. Allotments were suspended for the 1978 through 1981 crops by the Food and Agriculture Act of 1977.

Agricultural Stabilization and Conservation Service.

Table 724.—Farm allotments: Number established, by crops, United States, 1963-78

Crop year	Wheat	Cotton		Peanuts	Rice	Tobacco		Feed grain
		Upland	Extra-long staple			Flue-cured	Burley	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963	1,728	775	4	98	14	201	300	
1964	1,729	708	4	94	14	198	299	
1965	1,715	677	4	92	14	193	295	
1966	1,703	638	4	90	14	192	293	
1967	1,692	618	4	89	13	194	288	
1968	1,692	599	4	88	13	194	285	
1969	1,692	595	4	87	13	194	283	
1970	1,651	587	4	85	15	194	282	
1971	1,306	570	4	84	14	193	286	
1972	1,295	554	4	82	14	192	289	
1973	1,300	541	4	81	14	192	292	
1974	1,321	529	4	79	14	192	295	2,935
1975	1,321	524	3	77	15	192	297	2,935
1976	1,301	525	3	76	15	192	292	2,415
1977	1,301	526	3	75	15	193	298	2,616
1978	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	15	193	298	( <sup>1</sup> )

<sup>1</sup> Allotments were suspended for the 1978 through 1981 crops by the Food and Agriculture Act of 1977.

<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service.

Table 725.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	Number	1,000 dollars
<b>Citrus fruits (1976-77 season):</b>		
California and Arizona Navel and miscellaneous oranges.....	4,000	96,040
California and Arizona Valencia oranges.....	4,100	74,928
California and Arizona Desert grapefruit.....	400	14,190
California and Arizona lemons.....	2,400	87,838
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> .....	14,000	612,615
Florida limes.....	100	11,610
Texas oranges and grapefruit.....	2,900	43,580
<b>Deciduous fruits (1977 season):</b>		
California Bartlett pears, plums, and freestone peaches.....	3,140	134,713
California nectarines.....	700	30,450
California olives.....	1,650	16,566
California Tokay grapes.....	400	24,400
Colorado peaches.....	200	1,987
Florida avocados.....	300	7,383
Georgia peaches.....	120	13,770
Idaho and Oregon prunes.....	200	1,737
Washington apricots.....	210	889
Washington sweet cherries.....	1,250	25,236
Washington peaches.....	800	4,469
Washington, Oregon, and California winter pears.....	1,500	27,851
Washington and Oregon Bartlett pears.....	2,100	27,008
Washington and Oregon prunes.....	800	2,316
Cranberries.....	900	28,682
Tart cherries.....	4,800	86,804
Hawaiian papayas.....	180	6,388
<b>Dried fruits (1977 season):</b>		
California dates.....	143	6,401
California dried prunes.....	2,084	78,930
California raisins.....	4,800	207,816
<b>Vegetables (1976-77 season):</b>		
Florida celery.....	42	39,082
Florida tomatoes.....	185	184,015
Idaho and eastern Oregon onions.....	250	36,034
Texas lettuce.....	28	4,754
South Texas onions.....	200	37,373
Texas tomatoes.....	80	4,360
<b>Potatoes (1976-77 season):</b>		
Colorado.....	353	29,894
Idaho and eastern Oregon.....	1,677	272,135
Maine.....	1,304	135,828
Oregon and Northern California.....	765	85,548
Southeastern States (Virginia-North Carolina).....	300	28,687
Washington.....	423	139,500
<b>Nuts (1977 season):</b>		
California almonds.....	6,385	287,750
California walnuts.....	7,000	147,810
Oregon and Washington filberts.....	1,500	7,886
Peanuts <sup>2</sup> .....	62,800	777,838
<b>Hops (1977 season)</b> .....	195	49,095
<b>Total (46 programs)</b> .....	( <sup>3</sup> )	3,859,064

<sup>1</sup> Includes Indian River and Interior grapefruit programs.<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.<sup>3</sup> Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

## CHAPTER XII

### AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

Table 726.—Agricultural Conservation Program:<sup>1</sup> Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1963-77

Program year	Regular program <sup>2</sup>	Supplemental (emergency practices)	Total
	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	214,224	4,332	218,556
1964.....	215,086	6,537	221,623
1965.....	217,169	14,291	231,460
1966.....	211,123	6,680	217,803
1967.....	222,170	4,263	226,433
1968.....	200,252	9,296	209,547
1969.....	185,945	7,341	193,285
1970.....	181,186	8,536	189,722
1971.....	146,706	15,124	161,831
1972.....	196,753	4,232	200,985
1973.....	195,600	24,930	220,529
1974.....	74,475	8,560	83,035
1975.....	138,700	7,405	146,105
1976.....	124,731	15,142	140,873
1977.....	175,347	15,952	191,299

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1963-72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.



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**Table 727.—Agricultural Conservation Program: Participation and assistance, by States and Caribbean area, 1977 program year**

State or Territory	Participating farms	Area served	Assistance				Emergency conservation measures	
			Regular	Long term	Emergency conservation measures	Total gross assistance	Participating farms	Area served
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres
Ala.....	8,929	295	4,032	112	126	4,270	134	7
Alaska.....	82	1	139	7		139		
Ariz.....	976	284	1,836	129	33	2,018	1	66
Ark.....	9,552	337	3,550	81	(1)	3,631	(1)	
Calif.....	2,537	267	4,594	297	1,686	6,577	72	50
Colo.....	3,212	689	4,068	132	3,354	7,554	3,181	2,028
Conn.....	1,272	26	292	8	1	308	1	(2)
Del.....	259	11	214	5		219		
Fla.....	5,694	264	3,521	87	2,569	6,177	1,188	63
Ga.....	9,318	198	4,204	80	295	4,579	371	10
Hawaii.....	179	14	298	4	4	306		(2)
Idaho.....	3,158	265	2,703	124	3,742	6,569	431	426
Ill.....	5,047	224	4,551	403	574	5,528	193	8
Ind.....	5,350	189	3,472	93	17	3,582	15	1
Iowa.....	8,766	261	6,139	385	461	6,985	519	25
Kans.....	7,100	534	5,519	84	705	6,308	1,486	331
Ky.....	10,916	216	3,940	144	81	4,165	76	1
La.....	8,418	300	3,553	174		3,727		2
Maine.....	2,485	41	1,815	25	85	1,925	27	10
Md.....	1,434	36	854	51	184	1,039	273	
Mass.....	789	19	437	1	14	452	8	(1)
Mich.....	7,099	208	4,065	181	45	4,291	20	1
Minn.....	8,900	359	5,514	148	47	5,709	43	3
Miss.....	14,841	391	4,097	94	33	4,224	54	5
Mo.....	15,912	524	6,911	108	123	7,124	269	15
Mont.....	4,129	1,326	4,965	97	892	5,954	162	79
Nebr.....	6,666	629	4,821	309	17	5,247	19	5
N.H.....	443	61	726	10	398	1,143	34	106
N.J.....	785	16	512	2	2	516	2	(1)
N.M.....	1,284	44	444		(1)	444	1	(1)
N. Mex.....	1,611	899	2,047	175	29	2,251	9	1
N.Y.....	8,295	119	4,140	191	248	4,579	134	3
N.C.....	30,576	304	4,120	24	118	4,262	57	(1)
N. Dak.....	11,900	1,259	5,277		40	5,317	13	5
Ohio.....	6,930	169	3,946	256	85	4,257	109	4
Okla.....	9,538	617	5,262	188	24	5,474	33	2
Oreg.....	2,332	176	2,793	112	59	2,964	30	14
Pa.....	6,529	128	3,789	192	341	4,322	542	14
R.I.....	125	3	45			45		
S.C.....	8,512	157	2,419	31		2,450		
S. Dak.....	9,667	680	3,544	53	27	3,624	24	7
Tenn.....	15,229	235	3,903	221	59	4,183	217	2
Tex.....	24,024	2,593	17,231	693	486	18,410	217	59
Utah.....	2,263	251	1,700	76	4	1,780	5	4
Vt.....	2,180	52	941	14	200	1,155	205	4
Wa.....	11,861	155	2,865	78	81	3,024	198	3
Wash.....	3,694	315	3,326	157	131	3,514	63	8
W. Va.....	7,596	159	1,875	87	918	2,550	3,511	80
Wis.....	8,852	192	4,058	237	182	4,477	182	11
Wyo.....	1,320	368	1,750	85	4	1,839	6	1
U.S.....	327,094	16,830	166,587	6,224	18,484	191,284	14,105	3,464
P.R.....	1,312	17	589	23	448	1,060	592	48
V.I.....	16	1	21		20	41	4	2
Total.....	328,422	16,848	167,197	6,247	18,952	192,385	14,701	3,514

1 \$500 or less.  
2 \$500 acres or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

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Table 728.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1977 program year

State or Territory	Regular annual agreements						
	Diversions (area served)	Streambank stabilization (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sediment, chemical, or water runoff control measures (area served)	Windbreaks or shelter- belts (area served)	Reorganizing irrigation systems (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.	476	180	3,450	25	10,244		
Alaska					35		
Ariz.	3,350	1,065		18		40	55,104
Ark.	91		7	922	137		42,370
Calif.	687	2,095	699	75	493	131	121,443
Colo.	4,040	209	135	70	1,588	1,025	199,103
Conn.	55		1	2	27		
Del.			181	4	34		
Fla.	180		8,887	472	2,568	112	12,470
Ga.	406	166	1,035	4	8,978		
Hawaii	650				2		728
Idaho	1,551	497	6	64	4,365	80	87,190
Ill.	3,330	420	137	713	105,338	18	
Ind.	1,371	482	965	706	23,890	35	
Iowa	2,523		2,234	208	70,808	4,346	
Kans.	8,281	12	455	247	110,998	1,068	50,811
Ky.	1,331	56	14	51	10,475		
La.			299	909	11		19,798
Maine	639		202	3	1,165		
Md.	740		81	19	1,450	181	
Mass.			26	2			115
Mich.	188		12,245	154	4,911	1,865	
Minn.	3,882	665	19,646	214	57,658	34,151	
Miss.	1,422	3,933	1,559	786	1,976		
Mo.	6,713		2,036	832	45,698	20	1,311
Mont.	6,846	16,522	544	10	12,038	3,756	105,807
Nebr.	4,679		1,134	179	64,150	10,080	83,639
Nev.		1,715			124		38,350
N.H.	82	33	99	6			10
N.J.	160		10	1	484	222	
N. Mex.	3,868			325	65	3	46,860
N.Y.	3,207	241	1,058	22	1,250	30	
N.C.	273	80	5	5	5,054		
N. Dak.	7,465		33,825	6	33,803	64,615	2,104
Ohio	1,121	1	85	167	18,043	2,230	
Okl.	21,217		132	259	89,700	138	15,905
Oreg.	6,354	2,353	20	195	2,720	18	20,998
Pa.	6,752	60	19	39	4,794		
R.I.			1				
S.C.	460					322	
S. Dak.	930	4	23,410		3,709	45,055	5,639
Tenn.	2,647		36	269	7,649		
Tex.	11,542		1	218	96,436		221,770
Utah	50	64		179	280		117,322
Vt.	593	452	142		80		
Va.	64		20	5	1,355		
Wash.	830	1,062	1,217	64	7,377	144	45,105
W. Va.	92	93	458		159		
Wis.	2,618	954	3,001	125	36,411	498	7
Wyo.	2,095	30	140		450	50	50,979
U.S.	128,954	34,221	117,225	8,576	848,031	175,925	1,356,978
P.R.	236						15
V.I.							
Total	129,190	34,221	117,225	8,576	848,031	175,925	1,356,993

Table 728.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1977 program year—Continued

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (acres served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.	19,214	79,575	3,264	1,006	584		13,336
Alaska	808	45		5			
Aris.	216	40,279		49	27		
Ark.	18,472	90,197		272	1,268		43
Calif.	4,215	10,539	669	642	99		
Colo.	7,128	43,404	3	68	186	2,783	8,973
Conn.	1,501	2,386	167	135	16	19	
Del.	258	87	59		16		
Fla.	28,737	10,946	2,579	314	184	118	3,573
Ga.	17,317	83,790	1,813	3,865	273		9,134
Hawaii	642	3,553	80		12		
Idaho.	11,200	17,696	11	109	39	1,670	2,814
Ill.	8,274	5,937	257	608	489	2,018	11,572
Ind.	9,054	14,463	494	3,879	388		3,685
Iowa	29,240	4,587	168	130	482	4,089	23,951
Kans.	6,642	3,452	62	202	1,103		108,787
Ky.	38,792	35,902	132	52	655	169	
La.	16,347	40,742	141	4	198		
Maine	7,126	8,978	724	1,403	16	357	
Md.	1,654	2,709	452	1,314	72	878	
Mass.	2,688	2,179	60	1,442	11	5	
Mich.	34,850	3,149	2,998	925	43	941	
Minn.	87,885	3,229	673	175	1,106	6,006	1,799
Miss.	16,884	102,375	908	296	886		153
Mo.	35,232	85,125	97	628	1,648		32,203
Mont.	84,646	329,067	15	809	158	15,743	640
Nebr.	21,003	34,134	111	152	474	3,870	31,366
Nev.	4,663	14,696			2		
N.H.	1,181	4,978	71	3,491	13	28	
N.J.	5,328		46	5	37	128	
N. Mex.	1,794	85,831		573	71		
N.Y.	8,615	3,398	765	2,865	60	3,798	184
N.C.	9,534	60,637	1,763	45	76	269	405
N. Dak.	89,098	60,882	72		781	32,706	15
Ohio	5,295	20,627	404	997	118	1,426	
Okl.	63,497	54,811	213	675	2,785		31,618
Oreg.	2,172	25,204	1,868	2,633	218	682	6,933
Pa.	22,346	16,806	171	236	4	14,456	713
R.I.	167	165	35	16	1		
S.C.	3,539	61,011	2,259	2,204	240		2,078
S. Dak.	229,698	7,153	24	65	881	14,785	1,934
Tenn.	35,927	104,160	300	42	943		3,648
Tex.	136,168	784,288	361	50	1,896		30,510
Utah	1,900	69,706			56		557
Vt.	14,329	17,801	28	1,114	7	30	
Wash.	9,812	87,851	2,143	665	210	306	
W. Va.	24,345	89,155	1,781	2,716	181	1,475	2,630
Wis.	3,891	128,280	67	326	107		
Wyo.	44,603	1,538	2,636	2,064	40	9,491	446
	7,759	100,459		91	64	136	75
U.S.	1,174,784	2,801,355	31,100	40,358	19,242	118,545	331,831
P.R.	5,042	8,279	131		7		
V.I.	20	642					40
Total	1,179,816	2,810,576	31,231	40,358	19,249	118,545	331,871

## 526 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1978

Table 728.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1977 program year—Continued

State or Territory	Long-term agreements						
	Diversions (area served)	Streambank stabilization (area served)	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water con- trol struc- tures	Sediment, chemical, or water runoff control measures (area served)	Windbreaks or shelter- belts (area served)	Reorganizing irrigation systems (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.				5	901		
Alaska							
Aris.			189	5			3,149
Ark.	69		2	50	40		1,081
Calif.			67	2	223		6,195
Colo.	10	20			7		4,978
Conn.	11				3		
Del.			3		18		
Fla.			25	53	169	26	1,861
Ga.		85	20	2	163		
Hawaii							
Idaho	80			6	1,168		1,820
Ill.	288		2	17	4,825		
Ind.	124		13	15	975		
Iowa	91		174	12	2,494	5	
Kans.	165		2	13	1,898		
Ky.	145		216	3	661		
La.			11	46			2,307
Maine	95		52				
Md.	198				102		
Mass.							
Mich.	76		797	16	1,327	109	
Minn.	263		466	2	1,505	1,161	
Miss.	291			17	272		
Mo.	57			16	673		
Mont.		100		1			3,307
Nebr.	193		26	12	8,988	37	
Nev.							304
N.H.	6						
N.J.							
N. Mex.	50			35			3,333
N.Y.	678	21	5	2	192	35	
N.C.			5		118		
N. Dak.							
Ohio	38		170	15	989	50	
Okl.	150		18	15	1,082		
Oreg.	1,510	370	60	4	1,323	6	787
Pa.	883		10	8	463		
R.I.							
S.C.	4			1	315		
S. Dak.	3		273	1	555	450	
Tenn.	153			5	1,490		
Tex.	115		76	12	8,866		2,672
Utah	280			50			1,500
Vt.	91				4		
Va.	34				131		
Wash.	440	30	26	7	105	23	3,378
W. Va.	12	10		1	8		
Wis.	600	94	431	21	4,231	1	
Wyo.							2,460
U.S.	7,173	720	3,143	469	46,000	1,903	38,141
P.R.							
V.I.							
Total	7,173	720	3,143	469	46,000	1,903	38,141

Table 728.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1977 program year—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.	744	563	36	25	17		290
Alaska	6						
Ariz.	171	304					
Ark.	740	656		25	19		
Calif.	312	4,503	18	37	10		
Colo.	522	3,003			11	191	
Conn.	39	12				11	
Del.			1				
Fla.	446	511	256		5		85
Ga.	588	320	85	35	9		233
Hawaii		23					
Idaho	126	365		30			1,426
Ill.	553	112		161	14	214	3,115
Ind.	121	483	14	436	10		265
Iowa	445	89			18	20	3,881
Kans.	660	394		4	19		1,872
Ky.	620	2,089	5	118	21	103	
La.	392	1,247			3		
Maine	47	52		23		114	
Md.	106	140		22	2	90	20
Mass.	9			16			
Mich.	1,393	402	113	120	2	486	
Minn.	707	48			19	232	646
Miss.	367	409	34	53	8		
Mo.	565	191	47	86	31		1,385
Mont.	1,336	4,727	3	75	3	72	
Nebr.	105	41	5	12	8		7,407
Nev.							
N.H.							
N.J.							
N. Mex.	19	24,189			5		
N.Y.	362	232	5	119	4	761	128
N.C.	99	130	239	8	1	38	33
N. Dak.							
Ohio	366	1,466	31	540	8	100	22
Okl.	4,497	2,087	40		44		1,238
Oreg.	195	1,836	24	105	8		8
Pa.	677	281	2	190	1	1,443	141
R.I.							
S.C.	195	261	216		4		30
S. Dak.	1,234	248	4		19	124	428
Tenn.	1,941	5,809	19	86	45	66	32
Tex.	9,318	19,990	107	23	94		2,514
Utah	32	6,460			1		
Vt.	161	141		220		45	
Va.	202	1,904	182	226	7	63	
Wash.	946	151		9	2		136
W. Va.	190	1,317	14	53	12		
Wis.	805	30	47	170	5	1,067	262
Wyo.	48	487					
U.S.	32,435	87,643	1,517	3,019	490	5,180	25,564
P.R.	278	32			1		
V.I.							
Total	32,713	87,675	1,517	3,019	491	5,180	25,564

Agricultural Stabilization and Conservation Service.

Table 729.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1968-77 and total 1936-77

Practice	Unit	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	Total 1936-77
Constructing standard terraces <sup>2</sup>	1,000 acres	608	615	531	458	572	404	308	438	335	357	34,712
Sediment control runoff control measures <sup>2</sup>	do.	1,305	1,092	1,198	1,006	1,458	1,104	846	1,095	807	894	11,002
Stubble mulching	do.	2,708	1,735	1,520	967	1,535	1,153	846	1,095	177	66	129,157
Stripcropping	do.	302	294	304	140	178	102	14	86	105	124	114,459
Establishing permanent vegetative cover	do.	4,187	3,970	4,028	2,219	3,166	1,697	309	1,066	1,137	79	64,558
Reestablishing additional areas of vegetative cover	do.	1,187	963	891	489	588	73	73	7	1,033	1,294	497,105
Interim cover crops	do.	5,557	5,215	4,012	2,679	3,166	1,483	584	878	2,471	2,998	144,535
Improving vegetative cover	do.	4,210	4,037	3,990	3,632	4,997	2,082	384	2,061	2,471	2,998	144,535
Planting trees or shrubs	do.	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	11,540
Planting trees or shrubs	do.	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	11,540
Wildlife food plots or habitat <sup>2</sup>	do.	1,297	523	688	483	801	90	162	110	113	43	4,788
Water impoundment reservoirs	Number	40,969	44,592	41,647	42,394	47,966	41,777	16,357	19,533	16,504	10,740	2,362,565
Developing facilities for livestock water	do.	12,045	10,888	11,615	8,959	15,378	15,123	7,198	7,198	5,061	8,108	441,741
Contour farming	do.	87	44	28	24	22	13	6	6	13	13	139,359
Diversion and spreader terraces, ditches, or dikes <sup>2</sup>	do.	231	213	216	194	344	187	183	174	137	136	5,793
Sediment retention and water control structures	Number	12,847	11,063	11,148	13,575	19,578	16,170	8,108	8,767	7,726	9,043	3,310,525

<sup>1</sup> In area served.<sup>2</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs.

In 1975-77, the data include the Regular and Long-Term Agreement Programs.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

**Table 730.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept. 30, 1978**

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	1,000 dollars		1,000 dollars
Ala.....	526	Nev.....	240
Alaska.....	947	N.H.....	363
Aris.....	1,404	N.J.....	6,883
Ark.....	3,494	N. Mex.....	817
Calif.....	8,312	N.Y.....	2,660
Colo.....	814	N.C.....	4,792
Conn.....	2,153	N. Dak.....	1,022
Del.....	1,048	Ohio.....	4,237
Fla.....	2,044	Okl.....	2,393
Ca.....	3,795	Oreg.....	795
Hawaii.....	2,030	Pa.....	2,103
Idaho.....	433	R.I.....	8
Ill.....	3,300	S.C.....	1,404
Ind.....	2,349	S. Dak.....	539
Iowa.....	6,784	Tenn.....	1,621
Kans.....	1,961	Tex.....	1,363
Ky.....	2,535	Utah.....	3,479
La.....	2,555	Vt.....	289
Maine.....	366	Wash.....	1,827
Md.....	1,633	W. Va.....	1,492
Mass.....	1,321	Wis.....	3,231
Mich.....	2,586	Wyo.....	524
Minn.....	6,746	Caribbean <sup>1</sup> .....	408
Miss.....	2,232	Total.....	127,948
Mo.....	1,259		
Mont.....	6,640		
Nebr.....	11,840		

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 731.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1963-77**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts		Approximate land in farms within districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1963.....	13	2,942	12,078	1,718,857	6,278	1,050,991
1964.....	29	2,971	20,351	1,739,208	8,562	1,059,553
1965.....	18	2,989	14,073	1,753,281	6,392	1,065,945
1966.....	6	2,995	15,711	1,768,992	8,212	1,074,157
1967.....	15	3,010	13,509	1,782,501	7,594	1,081,751
1968.....	2	3,012	15,971	1,798,472	-11,456	<sup>3</sup> 1,070,295
1969.....	5	3,017	8,066	1,806,538	5,896	1,075,991
1970.....	9	3,026	4,508	1,811,045	2,853	1,078,744
1971.....	1	3,027	13,361	1,824,404	-14,340	1,064,404
1972.....	-3	3,024	11,213	1,835,617	2,754	1,067,158
1973.....	-62	2,962	378,463	3,211,110	-36,121	<sup>4</sup> 1,031,037
1974.....	-13	2,949	657	3,211,767	1,616	1,032,653
1975.....	-5	2,944	1,968	3,213,735	1,022	1,034,575
1976.....	-2	2,942	2,480	3,216,185	2,285	1,036,860
1977.....	-3	2,939	1,578	3,217,763	993	1,037,853

<sup>1</sup> Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept. 30 for 1977.<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.<sup>3</sup> Adjusted to the 1964 Census of Agriculture.<sup>4</sup> Adjusted to the 1969 Census of Agriculture.

Soil Conservation Service.



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Table 732.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative through Sept. 30, 1977

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memoranda of understanding with USDA <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
		Number	1,000 acres	Thousands	1,000 acres	Number
Ala.	Mar. 18, 1939	67	32,597	72	13,653	67
Alaska	Mar. 25, 1947	1	375,304	-----	1,604	1
Ariz.	June 16, 1941	31	50,971	6	28,809	30
Ark.	July 1, 1937	76	33,899	60	15,695	78
Calif. <sup>3</sup>	June 26, 1938	141	75,296	55	28,663	137
Colo.	May 6, 1937	83	61,394	30	37,498	82
Conn.	July 18, 1948	8	3,112	4	841	8
Del.	Apr. 2, 1943	3	1,296	-----	3	3
Fla.	June 10, 1937	60	31,387	35	13,883	60
Ga.	Mar. 23, 1937	27	37,263	67	15,806	27
Hawaii	May 19, 1947	15	3,992	4	2,058	15
Idaho	Mar. 9, 1939	51	52,608	26	14,501	50
Ill.	July 9, 1937	98	33,512	124	29,773	98
Ind.	Mar. 11, 1937	92	23,102	101	17,573	92
Iowa	July 4, 1939	100	35,828	140	34,070	100
Kans.	Apr. 10, 1937	105	52,649	86	49,390	105
Ky.	June 11, 1940	121	25,377	125	15,950	121
La.	July 27, 1938	36	25,118	42	9,757	35
Maine	Mar. 25, 1941	16	17,539	8	1,789	16
Md.	June 1, 1937	24	6,282	17	2,803	24
Mass.	June 28, 1945	15	4,973	6	701	15
Mich.	July 23, 1937	85	37,257	78	11,905	85
Minn.	Apr. 26, 1937	92	50,659	111	28,743	92
Miss.	Apr. 4, 1938	82	30,222	73	16,040	82
Mo.	July 23, 1943	109	41,683	132	31,415	109
Mont. <sup>4</sup>	Feb. 28, 1939	62	92,965	25	63,539	61
Nebr.	May 18, 1937	24	49,032	72	47,225	24
Nev.	Mar. 30, 1937	32	69,590	3	12,033	29
N.H.	May 10, 1945	10	5,955	3	613	10
N.J.	July 1, 1937	15	4,813	8	1,036	15
N. Mex. <sup>5</sup>	Mar. 17, 1937	51	69,637	14	42,630	51
N.Y.	July 20, 1940	36	30,288	82	10,146	36
N.C.	Mar. 22, 1937	92	33,670	119	12,837	92
N. Dak.	Mar. 16, 1937	62	45,226	46	43,156	60
Ohio	June 5, 1941	88	25,551	111	17,085	88
Okl.	Apr. 15, 1937	88	44,180	83	35,769	88
Oreg.	Apr. 7, 1939	54	60,035	28	17,631	54
Pa.	July 2, 1937	66	28,927	63	8,898	66
R.I.	Apr. 26, 1943	3	677	1	69	3
S.C.	Apr. 17, 1937	46	19,345	40	6,992	44
S. Dak.	July 1, 1937	69	48,577	47	44,891	69
Tenn.	Mar. 10, 1939	95	25,285	121	15,057	95
Tex.	Apr. 24, 1939	197	169,355	213	137,414	196
Utah	Mar. 23, 1937	40	51,517	13	10,229	39
Vt.	Apr. 18, 1939	14	5,935	7	1,916	14
Va.	Apr. 1, 1938	42	25,225	64	10,572	41
Wash.	Mar. 17, 1939	82	41,620	34	17,558	45
W. Va.	June 12, 1939	14	15,411	23	4,341	14
Wis.	July 1, 1937	72	34,858	99	18,109	72
Wyo.	May 22, 1941	39	62,373	10	35,799	39
U.S.		2,021	215,817	2,708	1,036,517	2,895
P.R.	July 1, 1946	17	1,862	33	1,296	17
V.I.	June 1946	1	84	1	40	1
Total		2,939	2,217,763	2,742	1,037,853	2,913

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district laws.<sup>2</sup> Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available.<sup>3</sup> Includes the Imperial Irrigation District.<sup>4</sup> Includes three State cooperative grazing districts.<sup>5</sup> Includes the Elephant Butte Irrigation District.

Soil Conservation Service.

Table 733.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1977, and cumulative through Sept. 30, 1977

State or Territory	Soil surveys for farm planning <sup>1</sup>		State or Territory	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending Sept. 30, 1977	Total to date		Work during year ending Sept. 30, 1977	Total to date
	Acres	Acres		Acres	Acres
Ala.	880,930	17,647,426	Nev.	1,372,764	25,443,882
Alaska	837,270	362,516,480	N.H.	137,308	3,466,930
Aris.	1,772,532	19,461,904	N.J.	110,217	5,377,284
Ark.	1,354,568	25,338,913	N. Mex.	3,287,342	49,835,402
Calif.	928,859	20,245,338	N.Y.	581,988	29,006,913
Colo.	3,119,346	33,664,244	N.C.	1,432,894	12,515,077
Conn.	987,222	3,511,384	N. Dak.	1,138,706	25,453,384
Del.		1,265,920	Ohio	1,068,102	18,241,716
Fla.	1,180,702	14,174,087	Okl.	532,517	41,799,723
Ga.	686,424	30,546,797	Oreg.	1,247,878	17,395,239
Hawaii		5,511,624	Pa.	741,634	35,331,700
Idaho	1,678,322	19,504,551	R.I.	124,320	644,776
Ill.	1,374,077	14,464,931	S.C.	649,721	14,810,878
Ind.	1,419,447	14,917,556	S. Dak.	1,577,554	29,728,908
Iowa	1,492,012	24,509,749	Tenn.	386,804	18,111,416
Kans.	1,802,223	41,008,639	Tex.	4,467,928	132,615,397
Ky.	951,481	22,372,331	Utah	2,009,811	15,438,497
La.	784,204	14,423,699	Vt.	161,119	2,894,990
Maine	259,322	8,746,215	Va.	492,414	10,501,284
Md.	14,869	5,244,425	Wash.	2,300,868	21,702,497
Mass.	132,171	3,478,035	W. Va.	360,493	7,100,141
Mich.	1,027,072	14,398,196	Wis.	799,794	21,605,306
Minn.	1,188,898	21,916,042	Wyo.	2,130,530	17,758,638
Miss.	741,864	23,329,060	Caribbean <sup>2</sup>	8	2,274,478
Mo.	1,168,140	16,060,441			
Mont.	2,285,108	37,766,415	Total	57,529,007	1,403,049,106
Nebr.	1,881,900	20,369,558			

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 734.—Soil conservation practices: <sup>1</sup> Newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1973-77 <sup>2</sup>

Practice	Unit	1973	1974	1975	1976	1977
Contour farming	Acres	3,051,248	2,653,372	2,403,083	2,544,056	( <sup>3</sup> )
Conservation cropping systems	do	20,544,209	18,923,240	15,604,805	16,176,357	( <sup>3</sup> )
Stripcropping	do	402,049	449,707	366,229	345,090	456,843
Seeding range and pasture	do	3,632,500	2,839,331	2,697,033	2,487,799	2,231,290
Tree planting	do	408,742	419,541	412,480	257,584	379,570
Ponds	Number	43,056	23,300	51,167	35,954	45,147
Terraces	Miles	15,091	12,445	19,719	27,358	20,927
Diversions	do	2,081	1,303	2,444	2,424	( <sup>3</sup> )
Open drains	do	9,069	8,740	7,936	8,687	7,533
Tile drains	do	21,204	20,000	28,000	31,156	28,774
Irrigation land leveling	Acres	241,035	194,107	243,067	231,252	( <sup>3</sup> )
Irrigation water management	do	3,362,801	3,091,033	2,586,817	2,838,549	2,462,930

<sup>1</sup> Includes practices applied under all programs on which SCS provides technical assistance.

<sup>2</sup> Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977.

<sup>3</sup> Not reported nationally in fiscal year 1977.

Soil Conservation Service.

Table 735.—Soil conservation practices:<sup>1</sup> Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1977

State or Territory	Strip-cropping	Seeding range and pasture	Tree planting	Wildlife management	Drainage		Irrigation water management	Terracing	Ponds
					Open drains	Tile drains			
	Acres	Acres	Acres	Acres	Miles	Miles	Acres	Miles	Number
Ala.	47	45,478	39,608	102,087	214	71	5,640	787	1,340
Alaska		881		2,387					
Ariz.		8,012	1	465,230			63,112	1	89
Ark.	12,037	88,664	14,121	219,044	180		239,240	2	2,934
Calif.	137	35,165	34,853	148,776	64	100	111,928	3	440
Colo.	12,534	22,143	331	103,248	4	21	182,721	390	507
Conn.	94	619	750	573	2			3	88
Del.		611		5,423	119	3	1,946		44
Fla.	921	95,491	13,246	82,062	1,210	22	87,221	264	371
Ga.	1,888	45,925	46,985	132,706	243	1,046	28,360	819	701
Hawaii	41	9,353	30	136,673	1		8,389	45	24
Idaho	3,092	25,914	294	24,701	7	118	98,416	38	262
Ill.	2,538	25,712	8,710	8,255	115	899	900	463	932
Ind.		22,976	2,660	14,650	127	2,243	1,298	78	686
Iowa	8,788	19,614	474	11,190	61	3,714	184	2,250	706
Kans.	9,871	16,207	122	55,271	31	19	59,771	6,758	3,068
Ky.	1,782	72,804	1,661	3,053	85	1,179	63		670
La.		27,425	17,181	190,764	542		41,222	3	290
Maine	1,265	4,121	639	11,037	14	70	1,647		45
Md.	4,761	4,585	1,178	6,316	175	62			191
Mass.	63	2,162	130	469	2	9	111		39
Mich.	2,861	31,181	10,317	29,186	65	4,054	12,673	1	574
Minn.	9,511	16,225	5,182	64,920	412	1,084	13,888	88	2,164
Miss.	543	74,023	35,467	223,921	645	2	28,577	183	1,751
Mo.	1,392	57,038	1,028	26,681	349	265	18,283	1,247	4,118
Mont.	53,353	39,299	869	433,368	53	16	123,831	6	380
Nebr.	13,058	30,986	223	265,990	88	28	231,707	2,028	2,241
Nev.		19,433	66	2,136	6	19	14,740		19
N.H.	56	1,391	49	1,837	7	12	8	2	83
N.J.	159	1,169	123	6,195	29	38	47	1	87
N. Mex.	2,140	14,985	7	91,131	1		17,066		126
N.Y.	8,106	14,990	4,262	4,970	138	1,233		6	249
N.C.	3,954	20,631	24,112	34,315	500	360	70	51	364
N. Dak.	108,695	63,261	172	102,103	345	1	32,467	20	3,172
Ohio	13,447	25,145	8,681	56,717	180	8,074			1
Okla.	1,805	102,646	1,282	119,260	23	85	134,459	1,592	5,770
Oreg.	1,203	18,750	17,973	43,029	77	1,124	79,823	109	700
Pa.	65,688	34,035	12,319	92,830	23	880	42	32	376
R.I.		287	118	439		4	122		38
S.C.	3,764	11,086	19,232	73,540	508	216	3,183	423	394
S. Dak.	32,029	92,621	1,008	155,811	2	8	31,551	93	2,635
Tenn.	897	74,514	11,716	5,131	111	140		133	1,571
Tex.	14,038	785,977	28,167	9,314,615	257	188	597,475	2,835	2,662
Utah	1,380	19,017	1	19,600	2	17	39,163	12	296
Vt.	4	4,660	34	2,525	26	76			61
Va.	2,229	15,860	7,444	7,798	98	267	181	2	341
Wash.	5,868	34,640	2,498	99,370	94	349	105,434	152	303
W. Va.	1,248	8,486	2,506	44,104	14	78			254
Wis.	21,504	17,041	4,360	23,699	213	535	80	24	330
Wyo.	28,202	16,030	21	111,924	5	22	92,707	3	181
Caribbean <sup>2</sup>		16,733	105	58	4		8,835		36
Total	456,643	2,231,290	879,870	13,182,301	7,532	28,774	2,462,930	20,927	45,147

<sup>1</sup> Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

# CONSERVATION PLANS

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**Table 736.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1977, and cumulative through Sept. 30, 1977**

State or Territory	Program, year ending Sept. 30, 1977				Cumulative through Sept. 30, 1977			
	New SCD cooperators		New conservation plans <sup>1</sup>		SCD cooperators		Conservation plans <sup>2</sup>	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Ala.	1,347	319,389	1,329	375,063	50,894	10,596,332	45,827	10,097,333
Alaska	108	506,437	83	4,434	681	1,935,102	286	139,369
Aris.	244	594,042	222	586,830	4,831	14,172,319	3,847	9,482,655
Ark.	1,944	409,646	1,853	358,513	92,166	18,576,235	90,082	17,856,475
Calif.	1,462	484,427	1,034	334,374	37,266	14,732,273	35,844	9,116,887
Colo.	1,097	2,436,155	879	2,015,879	24,007	29,170,946	16,621	22,628,558
Conn.	71	5,544	136	6,858	3,534	415,216	2,307	233,777
Del.	127	15,156	91	12,828	4,381	569,938	2,983	401,899
Fla.	801	385,305	610	143,786	24,564	12,405,802	20,465	8,068,864
Ga.	2,049	621,065	1,618	684,132	89,874	18,488,987	83,116	16,386,647
Hawaii	150	109,248	119	177,925	2,076	2,804,728	1,476	1,626,779
Idaho	979	345,307	472	274,997	22,070	11,785,225	12,146	6,828,888
Ill.	1,639	289,975	730	109,049	70,072	12,858,063	49,669	8,564,863
Ind.	2,473	378,088	2,266	285,679	68,430	10,091,083	46,091	6,596,710
Iowa	3,756	889,196	2,667	493,101	104,892	20,302,638	80,869	14,326,410
Kans.	2,071	780,514	1,499	664,591	95,234	34,386,510	83,312	29,747,076
Ky.	2,248	327,396	1,906	284,985	78,855	13,268,327	57,483	9,955,679
La.	1,309	314,838	1,212	289,406	46,062	11,805,708	38,778	8,649,039
Maine	429	83,874	383	84,568	12,532	2,409,223	7,900	1,583,714
Md.	1,383	68,221	1,415	79,859	22,327	2,855,781	17,902	1,858,080
Mass.	15	358	189	15,274	8,964	873,749	7,975	813,787
Mich.	1,168	172,602	908	156,101	62,307	8,497,345	44,383	5,843,611
Minn.	2,412	646,384	1,571	535,005	65,546	17,924,327	39,912	8,748,191
Miss.	1,729	477,674	1,874	447,350	79,756	18,902,572	70,362	13,259,288
Mo.	2,389	568,507	1,969	443,027	86,002	13,493,928	35,163	7,729,673
Mont.	440	1,380,573	285	1,045,225	14,966	44,254,262	10,959	33,828,688
Nebr.	1,893	954,244	746	491,020	71,696	35,023,975	51,401	24,959,742
Nev.	187	434,976	177	141,670	2,395	6,386,030	1,684	4,031,382
N.H.	177	212,452	100	13,504	6,817	1,196,772	4,221	678,639
N.J.	171	18,471	188	14,406	6,935	937,158	4,608	520,081
N. Mex.	410	1,542,109	408	1,435,683	12,701	39,947,894	10,438	32,202,829
N.Y.	2,191	441,553	1,884	577,104	45,438	9,169,084	30,696	6,002,502
N.C.	3,036	512,307	2,238	291,380	77,668	11,346,477	64,256	7,552,193
N. Dak.	719	586,334	469	430,523	37,643	32,032,532	31,856	26,892,596
Ohio	3,537	381,008	1,899	184,365	84,578	10,895,577	56,591	7,140,651
Okl.	2,693	786,807	2,808	791,864	98,833	30,242,996	96,532	29,346,831
Oreg.	375	242,894	254	589,548	18,442	13,389,737	10,927	8,383,025
Pa.	4,787	885,641	2,984	812,193	89,056	15,184,050	44,270	11,871,795
R.I.	87	4,186	24	1,665	1,593	144,164	1,265	118,850
S.C.	1,098	449,154	892	131,210	34,504	5,832,637	30,440	4,688,626
S. Dak.	1,248	782,507	640	1,181,815	35,189	31,474,361	24,805	22,302,939
Tenn.	1,873	310,650	1,792	284,812	67,156	9,789,240	48,733	5,962,445
Tex.	6,522	4,241,089	6,635	4,207,371	192,287	109,071,718	191,061	107,971,789
Utah	367	414,146	339	555,293	12,130	11,692,465	11,258	9,643,836
Va.	802	44,363	180	89,109	12,251	2,417,128	8,024	1,612,627
Wash.	1,476	441,673	955	316,276	41,493	8,822,333	30,708	5,035,005
W. Va.	931	291,267	776	305,593	22,152	10,879,672	16,079	7,809,318
Wis.	1,291	235,088	1,061	111,216	47,153	7,463,048	34,674	4,272,189
Wyo.	2,573	282,652	1,202	305,046	49,499	9,637,664	35,607	6,304,798
Caribbean <sup>3</sup>	352	1,408,276	304	884,877	7,197	24,511,997	8,832	18,795,498
	420	94,185	297	88,726	19,344	1,080,296	17,289	960,631
Total	72,910	28,093,543	56,415	23,944,780	2,207,700	780,672,604	1,758,701	608,468,374

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup> Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

## 534 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1978

Table 737.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1977 and cumulative 1956-77

Practice	Amount applied			Cost-shares paid	
	Unit	1977	1956-77	1977	1956-77
INITIAL APPLICATION					
Establish permanent vegetative cover.....	Acres.....	127,722	2,617,341	Dollars 1,458,071	Dollars 23,655,730
Establish field/wind stripcropping.....	do.....	41,261	1,027,187	107,552	1,452,293
Establish contour stripcropping.....	do.....	4,715	176,378	42,630	827,499
Establish contour farming.....	do.....		4,981		4,469
Reestablishing grasslands.....	do.....	99,546	2,122,262	2,122,866	23,646,046
Establishment of trees and shrubs.....	do.....	4,018	47,713	200,648	2,776,165
Establish permanent waterways.....	do.....	2,969	50,114	537,214	6,052,688
Terraces.....	Miles.....	3,160	87,405	1,734,285	24,105,509
Diversions.....	do.....	183	5,534	168,203	3,115,004
Grassland mechanical treatment.....	Acres.....	8,358	380,768	23,067	460,035
Dams for erosion control, detention.....	Number.....	442	22,837	361,191	5,832,909
Grade stabilization structures.....	do.....	208	4,997	302,195	1,665,573
Streambank protection, etc.....	Linear ft.....	2,030	286,669	2,853	332,822
Diversions dams and spreader ditches.....	Acres.....	5,127	146,076	290,594	3,320,005
Reorganizing irrigation systems.....	Number.....	1,383	9,191	969,789	7,966,636
Irrigation land leveling.....	Acres.....	4,383	235,009	244,829	6,951,744
Dams, pits, or ponds for irrigation.....	Number.....	24	794	43,257	698,132
Lining irrigation ditches.....	Linear ft.....	53,752	1,920,352	74,725	1,704,242
Wells.....	Number.....	806	23,192	776,308	12,794,097
Developing springs and seeps.....	do.....	152	3,242	80,219	654,388
Constructing dams, pits, or ponds.....	do.....	5,697	36,486	824,829	14,885,447
Pipelines.....	Miles.....	732	10,330	1,176,095	11,860,585
Controlling competitive shrubs.....	Acres.....	186,185	5,705,035	838,086	15,964,049
Fences.....	Miles.....	1,023	19,100	956,864	8,186,270
Critical area treatment.....	Acres.....	3,677	18,923	377,871	1,543,872
Irrigation tailwater recovery system.....	Number.....	70	247	80,410	190,714
Disposal lagoons.....	do.....	11	69	11,934	68,505
Recreation land grading and shaping.....	Acres.....		4		170
Water storage facilities.....	Number.....	1,393	8,304	558,255	2,583,764
Catchment basins.....	do.....		5		24,552
Shallow water areas.....	do.....		11	8,042	51,125
Holding ponds and tanks.....	do.....		9	17,112	148,483
Wheatgrass barriers.....	Linear ft.....	312,854	1,131,690	788	1,779
REAPPLICATION					
Establish permanent vegetative cover.....	Acres.....	11,294	178,810	100,878	1,514,312
Establish field/wind stripcropping.....	do.....	227	473	855	1,175
Establish contour stripcropping.....	do.....		61		394
Reestablishing grasslands.....	do.....	3,813	97,943	68,267	1,046,588
Establishment of trees or shrubs.....	do.....	214	3,583	19,036	155,131
Establish permanent waterways.....	do.....	439	4,775	25,121	181,832
Terraces.....	Miles.....	41	1,127	15,101	220,810
Diversions.....	do.....		13	63	5,024
Grassland mechanical treatment.....	Acres.....	220	220		220
Dams for erosion control, detention.....	Number.....	11	55	4,465	35,040
Grade stabilization structures.....	do.....	8	31	22,953	32,053
Streambank protection, etc.....	Linear ft.....		1,961		16,559
Diversions dams and spreader ditches.....	Acres.....	2	3,737	226	30,956
Reorganizing irrigation systems.....	Number.....		5		5,255
Irrigation land leveling.....	Number.....		587		11,615
Dams, pits, or ponds for irrigation.....	Number.....		6		2,410
Lining irrigation ditches.....	Linear ft.....		217		163
Wells.....	Number.....	7	80	5,496	39,886
Developing springs and seeps.....	do.....	1	8	513	2,573
Constructing dams, pits, or ponds.....	do.....	6	97	4,741	29,973
Pipelines.....	Miles.....		11	310	10,310
Controlling competitive shrubs.....	Acres.....	5,798	68,754	14,213	132,912
Fences.....	Miles.....		1	142	432
Critical area treatment.....	Acres.....	464	1,410	14,293	46,532
Irrigation tailwater recovery system.....	Number.....				372
Water storage facilities.....	do.....	3	3	3,152	3,152
Holding ponds and tanks.....	do.....	1	1	1,210	1,210
Tall wheatgrass barriers.....	Linear ft.....				67
Total.....				14,330,966	187,070,658

Soil Conservation Service.

Table 738.—Great Plains Conservation Program:<sup>1</sup> Contracts, area, and obligations, by States, year ending Sept. 30, 1977, and cumulative 1956-77

State	Designated counties	Contracts signed				Cost-share obligations		Contracts completed through Sept. 30, 1977	
		1977		1956-77		1977	1956-77		
		Number	Number	1,000 acres	Number	1,000 acres	1,000 dollars	Number	1,000 acres
Colo.	37	198	327	4,495	12,033	1,778	26,899	2,895	8,220
Kans.	62	292	282	5,984	4,099	1,413	19,603	4,282	2,996
Mont.	39	80	797	2,275	12,076	1,450	17,230	1,559	7,249
Nebr.	61	190	267	6,882	9,237	1,605	24,733	5,127	6,515
N. Mex.	19	68	770	1,946	13,782	1,083	14,243	1,469	16,262
N. Dak.	38	130	199	5,831	8,049	737	15,954	3,924	5,051
Okla.	30	273	174	7,168	8,182	1,388	22,232	4,806	3,754
S. Dak.	47	188	521	3,382	9,127	1,328	16,943	1,687	4,931
Tex.	123	458	980	15,297	19,705	4,486	69,350	10,743	13,831
Wyo.	13	27	170	900	6,124	423	8,644	409	2,771
Total	460	1,904	4,496	54,140	99,414	15,680	235,930	36,901	65,880

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

## FOOTNOTES FOR TABLE 741

<sup>1</sup> Data may not add to totals because of truncating.<sup>2</sup> Forest land is land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover and not currently developed for non-forest use. Includes chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classed as forest if less than 120 feet in width.<sup>3</sup> Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Includes areas suitable for management to grow crops of industrial wood, generally capable of producing in excess of 30 cubic feet per acre of annual growth. Includes both accessible and inaccessible areas.

Forest Service.

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**Table 739.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1977**

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year.....	Number.....	1,186	10
Works of improvement installed:			
Critical area planting.....	Acres.....	4,704	13,601
Grassed waterway.....	do.....	384	236
Pasture and hayland planting.....	do.....	33,732	51,647
Ponds.....	Number.....	246	195
Range seeding.....	Acres.....	751	6,526
Stripcropping.....	do.....	1,113	693
Terracing.....	Miles.....	106	71
Tree planting.....	Acres.....	4,443	5,996
Wildlife management.....	do.....	139,411	223,858
Woodland improvement.....	do.....	3,996	2,457

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

Soil Conservation Service.

**Table 740.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending June 30, 1976 and Sept. 30, 1977, and cumulative to Sept. 30, 1977<sup>1</sup>**

Practices and measures <sup>1</sup>	Unit	Total completed or acquired		
		During year ending June 30, 1976	During year ending Sept. 30, 1977	Cumulative, to Sept. 30, 1977
Fire protection:				
Roads and trails (constructed or rebuilt).....	Miles.....	83	16	1,589
Firebreaks.....	do.....	5	46	2,987
Telephone lines.....	do.....			306
Large water-storage tanks.....	Number.....	3	2	165
Lookout towers.....	do.....			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.).....	do.....	10	6	154
Pumps.....	do.....			30
Radio (mobile and stationary).....	do.....	2		411
Mobile equipment.....	do.....			190
Helispots and heliports.....	do.....	6	2	448
Stabilization of roadsides.....	Miles.....	15	43	3,362
Vegetation—cover improvement:				
Seeding and planting—trees and shrubs.....	Acres.....	1,551	12,121	864,226
Emergency seeding following fire <sup>2</sup> .....	do.....			1,044,273
Mountain channel control:				
Barriers.....	Number.....	2	108	1,065
Planting.....	Square yards.....			324,434
Channel clearing <sup>3</sup> .....	Acres.....			495
Channel stabilization.....	Linear feet.....	41,184	15,840	1,089,157
Forest management: Owner participation.....	Number.....	1,922	18,700	120,409

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yaseo, Trinity, Washita, and Little Sioux.

<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959.

Forest Service.



Table 741.—Forest land: Total forest land and area and ownership of commercial timber land, by regions, 1970 <sup>1</sup>

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farmer	Forest industry and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	33,410	32,367	911	832	79	1,061	30,374	3,637	26,737
Middle Atlantic.....	53,196	49,685	1,500	1,367	133	4,296	43,888	9,907	33,982
Lake.....	53,859	50,840	7,059	5,867	1,190	13,497	30,394	11,694	18,589
Central.....	45,928	45,608	2,840	2,390	448	725	41,442	25,778	15,663
North.....	186,494	177,901	12,311	10,458	1,852	19,600	145,989	51,017	94,972
South Atlantic.....	49,496	48,463	3,627	2,789	837	839	43,995	20,299	23,696
East Gulf.....	43,478	41,334	2,980	1,842	1,137	572	37,781	15,026	22,755
Central Gulf.....	51,819	51,453	3,034	2,344	689	1,019	47,400	18,912	28,487
West Gulf.....	67,090	61,290	4,634	3,788	846	570	46,068	10,899	35,167
South.....	211,884	192,542	14,277	10,764	3,512	3,002	175,263	65,136	110,126
Pacific Northwest.....	172,553	49,713	27,070	22,571	4,499	3,576	19,067	4,716	14,351
Pacific Southwest.....	44,382	17,909	8,751	8,344	407	564	8,593	1,885	6,708
Northern Rocky Mt.....	55,853	36,668	26,359	24,120	2,237	1,587	8,722	3,572	5,149
Southern Rocky Mt.....	82,380	24,963	18,339	15,666	2,671	683	5,941	4,807	1,134
West.....	355,169	129,553	80,520	70,702	9,817	6,408	42,323	14,980	27,341
All regions.....	753,549	499,697	107,108	91,924	15,183	29,010	383,576	131,134	252,441

See footnotes on page 535.

Table 742.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1970 <sup>1</sup>

Region	Growing stock <sup>2</sup>			Sawtimber <sup>3</sup>		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
New England.....	35,210	20,190	15,019	57,270	34,813	22,456
Middle Atlantic.....	52,333	6,694	45,639	102,881	15,034	87,848
Lake.....	40,075	10,891	29,184	81,353	26,088	55,264
Central.....	28,057	1,338	26,719	90,345	4,127	86,219
North.....	155,677	39,114	116,563	331,868	80,062	251,810
South Atlantic.....	47,550	19,093	28,456	133,789	60,879	72,911
East Gulf.....	30,583	18,743	11,839	83,227	53,535	29,392
Central Gulf.....	40,283	18,220	22,062	123,941	67,652	56,189
West Gulf.....	41,090	22,346	18,753	142,994	93,512	49,483
South.....	159,517	78,404	81,112	483,851	275,877	207,975
Pacific Northwest.....	186,975	175,486	11,488	962,233	922,575	39,659
Pacific Southwest.....	54,480	51,154	3,333	278,407	271,671	6,736
Northern Rocky Mt.....	63,827	63,106	721	253,493	251,387	2,106
Southern Rocky Mt.....	28,391	24,005	3,785	110,916	103,720	7,196
West.....	333,685	314,354	19,330	1,905,048	1,549,352	55,696
All regions.....	648,879	431,873	217,005	2,420,767	1,905,289	515,481

See footnotes on page 541.

Table 743.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1970<sup>1</sup>

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	Northern Rocky Mountain	Southern Rocky Mountain
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
<b>Softwoods:</b>					
Douglas-fir.....	520,640	356,716	79,818	70,325	13,772
Ponderosa and Jeffrey pine <sup>4</sup> .....	189,897	72,114	51,972	30,550	34,961
True fir.....	218,772	92,161	78,367	35,492	12,752
Western hemlock.....	251,012	245,625	366	4,992	28
Sugar pine.....	23,520	5,011	18,503	0	6
Western white pine.....	20,872	5,990	1,905	12,903	74
Redwood.....	23,627	498	23,129	0	0
Sitka spruce.....	68,176	67,904	272	0	0
Engelmann and other spruces.....	64,046	6,278	29	26,666	31,077
Western larch.....	31,236	12,421	0	18,835	0
Western red cedar.....	40,897	32,083	61	8,753	0
Incense-cedar.....	13,972	3,898	19,068	0	6
Lodgepole pine.....	65,273	11,014	5,170	39,618	9,471
Other.....	17,390	10,862	2,011	2,944	1,573
<b>Total.....</b>	<b>1,549,352</b>	<b>922,575</b>	<b>271,671</b>	<b>251,387</b>	<b>103,719</b>
<b>Hardwoods:</b>					
Cottonwood and aspen.....	12,077	2,934	77	1,877	7,189
Red alder.....	24,842	24,677	165	0	0
Oak.....	3,064	984	2,080	0	0
Other.....	15,713	11,064	4,414	229	7
<b>Total.....</b>	<b>55,696</b>	<b>39,659</b>	<b>6,736</b>	<b>2,106</b>	<b>7,196</b>
<b>All species.....</b>	<b>1,605,048</b>	<b>962,233</b>	<b>278,407</b>	<b>253,493</b>	<b>110,915</b>

<sup>1</sup> Net volume in board feet log scale, International 1/4-inch rule. Data may not add to totals because of truncating. Zeros indicate that there are no data or negligible amounts.

<sup>2</sup> Includes coastal Alaska.

<sup>3</sup> Includes Hawaii.

<sup>4</sup> Excludes 540 million board feet of ponderosa pine in the Lake and Central regions. The total volume of ponderosa and Jeffrey pine in the United States is 190,437 million board feet.

Forest Service.

Table 744.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1970<sup>1</sup>

Roundwood product, logging residues, and mortality, by cause	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
<b>Roundwood products:</b>						
Saw logs.....	5,956	4,674	1,282	36,246	28,951	7,295
Veneer.....	1,035	913	122	6,534	6,191	743
Pulpwood.....	3,445	2,518	927	9,532	7,340	2,192
Miscellaneous industrial.....	377	207	170	1,628	971	657
Fuelwood.....	312	55	257	408	68	340
<b>Total.....</b>	<b>11,124</b>	<b>8,367</b>	<b>2,737</b>	<b>54,748</b>	<b>43,521</b>	<b>11,227</b>
Logging residues.....	1,595	923	672	3,604	2,474	1,190
Other removals.....	1,315	334	981	4,358	1,744	2,614
<b>Total.....</b>	<b>2,910</b>	<b>1,257</b>	<b>1,653</b>	<b>8,022</b>	<b>4,218</b>	<b>3,804</b>
<b>Mortality.....</b>	<b>4,505</b>	<b>2,759</b>	<b>1,746</b>	<b>15,331</b>	<b>11,349</b>	<b>3,982</b>

<sup>1</sup> Timber removals include the net volume of growing stock trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Volumes refer to growing stock inventory and are in cubic feet roundwood excluding bark and in board feet log scale, International 1/4-inch rule, and represent the net cubic foot volume of live sawtimber and poletimber trees from stump to minimum 4-inch top (of central stem) outside bark and the net board foot volume of the saw-log portion of live sawtimber trees (from stump to merchantable top). Data may not add to totals because of truncating.

Forest Service.

Table 745.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1970<sup>1</sup>

Species	Total East		North				South			
	Total	New England	Middle Atlantic	Lake	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
Softwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
White and red pine.....	26,874	9,912	4,710	9,872	91	2,800	1,588	260	632	0
Jack pine.....	2,847	0	0	2,846	0	0	0	0	0	0
Longleaf and slash pine.....	44,248	0	1,364	0	0	44,248	3,787	34,033	12,739	3,689
Shortleaf and loblolly pine.....	186,502	54	2,311	0	1,900	163,338	42,655	19,337	49,036	82,600
Other yellow pines.....	18,306	3,421	2,311	0	1,156	14,885	8,323	2,315	3,723	824
Spruce and balsam fir.....	23,485	17,269	1,409	4,772	184	1,081	833	34	212	0
Hemlock.....	16,178	5,113	4,923	4,877	184	18,896	3,583	7,992	1,820	6,821
Cypress.....	19,112	210	0	0	216	18,896	353	233	200	97
Other.....	8,381	2,464	335	24,019	4,680	883	0	0	0	0
Total.....	355,939	80,062	15,034	26,088	4,127	275,877	60,879	53,834	67,652	93,312
Hardwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Select white oaks.....	46,300	547	7,773	3,121	14,535	20,324	8,635	1,429	6,413	3,817
Other white oaks.....	39,333	2,557	12,733	6,440	14,535	20,324	4,435	1,494	3,354	2,944
Other yellow oaks.....	32,359	67	7,289	0	0	19,011	6,147	2,471	4,222	5,471
Other red oaks.....	66,680	500	9,364	1,026	15,461	39,439	11,871	6,116	11,046	10,403
Hickory.....	30,913	153	4,429	4,026	7,833	18,064	4,961	1,810	6,370	4,963
Yellow birch.....	7,324	3,193	1,506	2,392	7	136	108	1	27	0
Hard maple.....	25,756	8,490	7,283	3,272	2,710	1,031	446	47	488	50
Soft maple.....	23,871	3,272	6,794	3,991	3,417	6,397	3,609	1,494	1,852	3,068
Beech.....	15,319	2,185	5,842	1,846	1,513	10,501	5,933	3,451	1,839	7,293
Tupelo and black gum.....	22,319	1,872	8,842	1,320	1,788	24,240	9,015	6,048	4,178	4,257
Ash.....	25,599	2,008	0	0	0	23,468	9,015	1,432	1,035	2,011
Cottonwood and aspen.....	15,957	9,656	2,745	2,835	3,100	6,301	1,432	1,203	1,635	2,011
Basswood.....	16,771	15,044	829	9,034	3,451	1,727	188	26	810	703
Yellow poplar.....	8,502	7,654	2,481	3,084	1,149	1,848	8,032	1,064	4,065	46
Black walnut.....	2,546	2,063	6,720	33	4,408	13,804	8,032	1,064	4,065	46
Other.....	50,673	2,243	9,885	9,347	10,837	18,268	3,825	2,489	5,149	6,565
Total.....	489,785	251,810	87,848	85,264	86,239	207,975	72,911	29,392	86,198	49,483
All species.....	815,718	331,868	102,881	81,353	90,364	483,850	133,799	83,226	123,841	142,794

<sup>1</sup> Net volume in board feet log scale. International 1/4-inch rule. (Data may not add to totals because of truncating. Zero indicates that there are no data available.)

\* Includes 55 million board feet of ponderosa pine. The total volume of ponderosa and Jeffrey pine in the United States is 190,437 million board feet.

\* Includes 483 million board feet of ponderosa pine.

Forest Service.

Table 746.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1970 <sup>1</sup>

Item and region	All species		Softwoods		Hardwoods	
	Timber cut <sup>2</sup>	Growth <sup>3</sup>	Timber cut <sup>2</sup>	Growth <sup>3</sup>	Timber cut <sup>2</sup>	Growth <sup>3</sup>
	Million cubic feet	Million cubic feet	Million cubic feet	Million cubic feet	Million cubic feet	Million cubic feet
<b>GROWING STOCK</b>						
New England.....	562	1,078	338	711	224	367
Middle Atlantic.....	602	1,797	96	191	506	1,606
Lake.....	682	1,574	165	426	518	1,148
Central.....	588	1,092	30	60	558	1,033
North.....	2,434	5,541	629	1,387	1,806	4,153
South Atlantic.....	1,583	2,140	842	1,058	741	1,082
East Gulf.....	1,278	1,888	988	1,409	318	1,480
Central Gulf.....	1,770	2,423	1,017	1,413	753	1,009
West Gulf.....	1,855	2,158	1,180	1,521	675	637
South.....	6,483	8,609	3,996	5,401	2,487	3,208
Pacific Northwest <sup>4</sup> .....	3,249	2,427	3,163	2,044	86	382
Pacific Southwest <sup>5</sup> .....	929	630	901	548	28	85
Northern Rocky Mountain.....	733	1,019	733	1,006	0	13
Southern Rocky Mountain.....	204	342	201	283	3	50
West.....	5,115	4,418	4,998	3,879	117	539
All regions.....	14,033	18,568	9,623	10,667	4,406	7,901
<b>SAWTIMBER</b>						
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
New England.....	1,845	2,291	1,111	1,611	733	680
Middle Atlantic.....	2,188	3,792	330	483	1,858	3,309
Lake.....	2,159	4,028	578	1,294	1,582	2,745
Central.....	2,788	3,558	82	216	2,676	3,342
North.....	8,960	13,670	2,102	3,594	6,848	10,076
South Atlantic.....	4,729	6,356	2,695	3,698	2,034	2,658
East Gulf.....	4,046	5,739	3,128	4,532	908	1,207
Central Gulf.....	6,477	7,730	3,978	5,203	2,499	2,526
West Gulf.....	7,588	8,203	5,234	6,662	2,353	1,540
South.....	22,840	28,028	15,046	20,096	7,795	7,932
Pacific Northwest <sup>4</sup> .....	19,964	10,719	19,655	9,378	309	1,341
Pacific Southwest <sup>5</sup> .....	5,648	2,422	5,581	2,253	67	169
Northern Rocky Mountain.....	4,203	3,754	4,203	3,725	0	30
Southern Rocky Mountain.....	1,165	1,326	1,153	1,211	12	115
West.....	30,980	18,221	30,591	16,567	388	1,654
All regions.....	62,770	59,919	47,739	40,257	15,031	19,662

<sup>1</sup> Data may not add to totals because of truncating. Zeros indicate that there are no data or negligible amounts.<sup>2</sup> Timber removals include the net volume of growing stock trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.<sup>3</sup> The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level partly because 8 percent of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.<sup>4</sup> Includes coastal Alaska.<sup>5</sup> Includes Hawaii.

Forest Service.

Table 747.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1977

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala.	1,275	641	634	N. Mex.	10,272	9,248	1,026
Alaska	20,777	20,622	155	N.Y.	13	13	—
Ariz.	11,937	11,271	666	N.C.	3,166	1,154	2,012
Ark.	3,495	2,467	1,028	N. Dak.	1,106	1,106	—
Calif.	24,314	20,328	3,986	Ohio	833	168	665
Colo.	15,909	14,386	1,523	Okl.	461	291	170
Conn.	( <sup>3</sup> )	( <sup>3</sup> )	—	Oreg.	17,445	15,593	1,852
Fla.	1,224	1,082	142	Pa.	743	507	236
Ga.	1,912	857	1,055	S.C.	1,390	607	773
Idaho	21,653	20,390	1,263	S. Dak.	2,269	1,995	274
Ill.	840	257	583	Tenn.	1,212	821	391
Ind.	645	181	464	Tex.	1,836	781	1,055
Kans.	108	108	—	Utah	9,129	8,046	1,083
Ky.	2,100	659	1,441	Vt.	630	264	366
La.	1,017	597	420	Va.	3,228	1,608	1,620
Maine	94	52	42	Wash.	10,026	9,070	956
Mich.	4,870	2,709	2,161	W. Va.	1,861	952	899
Minn.	5,466	2,787	2,679	Wis.	2,023	1,453	530
Miss.	2,311	1,139	1,172	Wyo.	9,691	9,232	439
Mo.	3,082	1,455	1,627	P.R.	56	25	28
Mont.	19,087	16,768	2,319	V.I.	( <sup>3</sup> )	( <sup>3</sup> )	—
Nebr.	441	352	89	Total	226,165	187,709	38,456
Nev.	5,422	5,113	309				
N.H.	806	683	123				

<sup>1</sup> National Forest System lands.—The national forests, national forest purchase units, national grasslands, and other lands administered by the Forest Service. Includes national forest lands withdrawn for use of other Federal agencies where the National Forest reservation has not been revoked.

National forests.—Areas formally designated or proclaimed as national forests. Data also include administrative sites outside national forest boundaries.

Purchase units.—Portions of approved national forest acquisition areas established by the Secretary of Agriculture, with the concurrence of the National Forest Reservation Commission, located outside designated or proclaimed national forest boundaries.

National grasslands.—Lands designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act. The area shown for the national grasslands are the areas of such lands administered by the indicated unit headquarters or regions.

Land utilization projects.—Lands administered by the Forest Service for programs of land utilization and adjustment under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas outside of the national forests and grasslands which have been reserved and dedicated to forest or range research and experimentation.

Other areas.—Lands administered by the Forest Service that are not included in the above groups.

<sup>2</sup> Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup> Less than 500 acres.

Forest Service.

## FOOTNOTES FOR TABLE 742

<sup>1</sup> Data may not add to totals because of truncating.

<sup>2</sup> Net volume in cubic feet of live sawtimber and polelimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>3</sup> Net volume of the saw-log portion of live sawtimber trees in board feet log scale, International 1/4-inch rule. Live trees of commercial species containing at least one saw log. Softwoods must be at least 9.0 inches in diameter breast height, except in California, Oregon, Washington, and coastal Alaska where the minimum diameter is 11.0 inches. Hardwoods must be at least 11.0 inches in diameter in all States.

Forest Service.

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**Table 748.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal years 1963-77<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Trees distributed	Costs			Year ending June 30 <sup>2</sup>	Trees distributed	Costs		
		Federal contribution <sup>3</sup>	State expenditure	Total			Federal contribution <sup>3</sup>	State expenditure	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars		Thousands	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	587,647	234	6,309	6,543	1971.....	568,762	165	5,675	5,840
1964.....	535,429	229	7,224	7,453	1972.....	552,997	175	5,636	5,810
1965.....	508,651	216	6,649	6,865	1973.....	581,090	214	5,986	6,200
1966.....	521,440	219	6,593	6,812	1974.....	539,549	218	6,674	6,890
1967.....	572,088	220	7,769	7,989	1975.....	577,996	225	5,122	5,347
1968.....	573,067	221	8,838	9,059	1976.....	506,464	140	( <sup>4</sup> )	( <sup>4</sup> )
1969.....	523,986	203	9,911	10,114	1977 <sup>2</sup> .....	657,299	145	( <sup>4</sup> )	( <sup>4</sup> )
1970.....	494,941	197	8,347	8,544					

<sup>1</sup> Includes Puerto Rico; excludes Alaska. <sup>2</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977. <sup>3</sup> Provided by Clark-McNary law, Act of June 7, 1924, as amended. <sup>4</sup> Not available.

**Table 749.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1963-77<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	Number	1,000 acres	1,000 bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	101,823	5,762	588,046	13,744	2,255	3,322	5,577
1964.....	97,063	6,141	658,274	15,582	2,266	3,978	6,246
1965.....	99,074	6,185	716,950	17,442	2,730	4,106	6,836
1966.....	105,014	6,553	652,088	22,575	3,171	4,259	7,430
1967.....	107,654	6,232	517,388	22,005	3,157	5,021	8,178
1968.....	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1969.....	109,835	7,184	855,336	31,429	3,130	6,356	9,486
1970.....	115,197	6,945	1,225,520	31,881	3,555	7,972	11,627
1971.....	127,828	7,937	880,950	27,398	4,363	9,080	13,443
1972.....	274,001	11,158	955,651	23,608	4,295	10,322	14,604
1973.....	106,422	6,472	1,578,664	37,709	4,133	12,394	16,518
1974.....	117,990	7,106	907,311	44,458	4,260	15,185	19,445
1975.....	127,368	10,369	963,740	27,517	4,963	17,771	22,434
1976.....	104,471	4,085	595,935	( <sup>3</sup> )	4,687	18,646	23,333
1977 <sup>2</sup> .....	133,619	4,614	900,000	( <sup>3</sup> )	5,500	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation. <sup>2</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977. <sup>3</sup> Not available.

**Table 750.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1963-77<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private agencies	Total expenditures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private agencies	Total expenditures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	12,491	52,586	1,610	66,687	1971.....	16,505	106,782	1,387	124,674
1964.....	12,515	59,751	1,071	73,337	1972.....	20,027	104,732	818	125,577
1965.....	12,783	62,612	1,167	76,562	1973.....	20,025	116,013	847	136,885
1966.....	12,803	71,812	1,243	85,858	1974.....	20,079	130,286	( <sup>4</sup> )	150,365
1967.....	12,834	76,626	1,504	90,964	1975.....	28,182	144,442	( <sup>4</sup> )	169,624
1968.....	14,357	80,464	1,249	96,070	1976.....	22,642	167,017	( <sup>4</sup> )	189,659
1969.....	14,396	85,222	1,337	100,955	1977 <sup>2</sup> .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1970.....	16,440	95,293	1,816	113,549					

<sup>1</sup> Excludes emergency funds. <sup>2</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977. <sup>3</sup> Excludes administration and inspection costs. <sup>4</sup> Included in "State and county." <sup>5</sup> Not available.



**Table 751.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1963-77**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1963.....	9,169	92	181,975	134,427	3,108	431,334	18,263	3,804	21,767
1964.....	7,063	139	182,078	90,480	1,670	446,420	17,001	2,333	32,003
1965.....	7,083	64	182,139	91,495	1,206	472,023	13,116	1,300	30,294
1966.....	8,365	303	182,273	98,157	1,908	469,328	12,772	1,401	46,748
1967.....	8,988	151	182,607	102,267	1,926	479,623	11,263	2,390	37,587
1968.....	7,118	158	182,616	107,689	1,633	486,461	7,656	1,394	28,539
1969.....	7,409	75	182,340	97,393	1,582	511,965	5,846	993	31,127
1970.....	11,356	446	182,571	101,455	1,541	520,501	5,312	1,019	45,791
1971.....	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972.....	11,184	95	182,774	83,010	1,050	631,162	25,607	359	56,581
1973.....	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,939
1974.....	10,635	138	183,045	105,835	1,511	708,129	24,993	168	63,835
1975.....	8,646	183	183,280	91,026	1,119	726,356	31,574	264	70,848
1976.....	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977.....	( <sup>b</sup> )	( <sup>b</sup> )	183,447	142,577	2,096	748,662	18,148	254	198,000

<sup>1</sup> As of June 30.    <sup>2</sup> Not available.  
Forest Service.

**Table 752.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1963-77**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
	Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars		Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	10,026	134,406	514	135,173	1971.....	10,341	257,020	623	258,404
1964.....	12,954	151,075	329	151,890	1972.....	11,700	381,957	546	382,946
1965.....	11,244	161,106	494	161,850	1973.....	12,357	479,233	518	480,124
1966.....	12,138	195,590	572	196,427	1974.....	10,958	508,615	519	509,916
1967.....	10,851	188,711	875	189,563	1975.....	9,174	365,952	1,369	368,423
1968.....	12,129	239,311	622	240,226	1976.....	9,575	492,029	1,224	495,357
1969.....	11,783	326,997	665	327,944	( <sup>b</sup> ).....	(3,432)	(200,938)	(129)	(210,067)
1970.....	11,527	307,610	695	308,638	1977 <sup>1</sup> .....	10,482	732,547	1,002	735,949

<sup>1</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.    <sup>2</sup> Commercial and cost sales and land exchange.    <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930.    <sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.    <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976.    <sup>6</sup> Transition quarter July 1, 1976-Sept. 30, 1976.  
Forest Service.

**Table 753.—Lumber: Production, United States, 1963-77**

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	Million bd. ft.	Million bd. ft.	Million bd. ft.		Million bd. ft.	Million bd. ft.	Million bd. ft.
1963.....	34,706	27,552	7,154	1971.....	36,958	30,039	6,949
1964.....	36,559	29,284	7,275	1972.....	37,745	30,975	6,770
1965.....	36,762	29,295	7,467	1973.....	38,505	31,586	7,009
1966.....	36,584	28,847	7,737	1974.....	34,608	27,704	6,904
1967.....	34,741	27,311	7,430	1975.....	32,619	26,747	5,872
1968.....	36,473	29,285	7,188	1976 <sup>1</sup> .....	36,905	30,456	6,449
1969.....	35,824	28,342	7,482	1977 <sup>1</sup> .....	37,200	31,100	6,100
1970.....	34,668	27,530	7,138				

<sup>1</sup> Preliminary.  
Forest Service.



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Table 754.—Timber products: Production, imports, exports, and apparent domestic consumption, United States, 1963-77<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Domestic production	Imports	Exports	Apparent consumption	Domestic production	Imports	Exports	Apparent consumption	Domestic production	Imports <sup>2</sup>	Exports <sup>2</sup>	Apparent consumption
	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>
1963.....	5,355	830	135	6,050	870	80	5	950	2,670	1,060	340	3,390
1964.....	5,635	815	150	6,300	900	90	5	1,045	2,865	1,120	385	3,585
1965.....	5,670	815	145	6,340	1,030	100	5	1,125	3,095	1,175	380	3,890
1966.....	5,645	810	160	6,295	1,030	115	5	1,140	3,190	1,290	420	4,060
1967.....	5,360	800	175	5,985	1,030	110	10	1,130	3,190	1,240	460	3,970
1968.....	5,630	960	180	6,405	1,120	165	10	1,275	3,385	1,290	525	4,120
1969.....	5,535	980	180	6,340	1,050	180	20	1,205	3,585	1,340	570	4,355
1970.....	5,355	955	200	6,110	1,070	170	15	1,225	3,835	1,280	720	4,395
1971.....	5,495	1,135	165	6,465	1,235	210	15	1,430	3,560	1,315	620	4,290
1972.....	5,605	1,405	215	6,795	1,360	265	25	1,600	3,485	1,365	625	4,225
1973.....	5,730	1,425	295	6,860	1,310	220	40	1,490	3,490	1,455	630	4,515
1974.....	5,145	1,085	285	5,965	1,140	150	45	1,240	4,125	1,450	795	4,780
1975.....	4,850	885	240	5,495	1,205	160	65	1,300	3,380	1,090	665	3,800
1976 <sup>4</sup> .....	5,475	1,230	275	6,430	1,380	195	60	1,515	3,635	1,295	715	4,220
1977 <sup>4</sup> .....	5,565	1,000	255	6,915	1,425	195	30	1,585	3,425	1,360	710	4,070

Year	Industrial roundwood used for—Continued							Fuel-wood apparent consumption	Domestic production, all products	Apparent consumption, all products
	Miscellaneous products, apparent consumption <sup>5</sup>	Logs		Total						
		Imports	Exports	Domestic production	Imports	Exports	Apparent consumption			
	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>
1963.....	515	15	150	9,560	1,990	630	10,920	1,055	10,615	11,975
1964.....	540	10	170	10,170	2,035	720	11,485	985	11,185	12,470
1965.....	560	10	190	10,540	2,100	715	11,930	915	11,455	12,945
1966.....	565	15	220	10,645	2,230	800	12,075	845	11,490	12,920
1967.....	515	15	310	10,410	2,160	955	11,615	775	11,185	12,395
1968.....	485	15	405	11,025	2,395	1,120	12,305	700	11,725	13,065
1969.....	455	15	375	11,060	2,515	1,140	12,570	620	11,620	12,990
1970.....	425	25	430	11,120	2,425	1,370	12,180	540	11,660	12,715
1971.....	425	15	360	11,075	2,675	1,160	12,595	500	11,575	13,065
1972.....	430	5	495	11,370	3,045	1,300	13,060	475	11,845	13,535
1973.....	425	5	505	11,665	3,105	1,475	13,300	600	12,165	13,800
1974.....	380	15	415	11,200	2,695	1,520	12,380	535	11,735	12,915
1975.....	325	15	420	10,175	2,145	1,390	10,930	575	10,750	11,505
1976 <sup>4</sup> .....	380	15	510	11,385	2,735	1,960	12,555	600	11,985	13,160
1977 <sup>4</sup> .....	400	25	485	11,300	3,175	1,480	12,995	635	11,935	13,630

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of wood pulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Preliminary.<sup>5</sup> Includes cooperage logs, poles and piling, fenceposts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Forest Service.

**Table 755.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1963-77**

Year	Douglas- fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods	Oak, white and red <sup>5</sup>	Maple <sup>6</sup>
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1963.....	27.90	25.10	15.80	10.40	21.50	15.70	35.30
1964.....	38.10	27.80	19.00	13.30	22.20	18.00	30.60
1965.....	42.80	31.70	19.80	19.10	25.00	21.30	31.90
1966.....	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967.....	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968.....	61.20	42.20	30.20	35.60	23.60	17.30	31.30
1969.....	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970.....	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971.....	49.10	52.20	37.60	20.60	24.60	21.20	37.80
1972.....	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973.....	138.10	93.40	95.20	90.20	44.70	43.80	71.40
1974.....	202.40	76.20	100.60	110.80	44.40	54.70	79.50
1975.....	169.83	57.00	71.20	68.80	34.00	29.70	39.60
1976.....	176.20	87.00	103.20	79.70	34.90	43.40	36.00
1977.....	225.90	100.30	131.40	89.30	37.90	60.00	42.10

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> California region. <sup>4</sup> Pacific Northwest region.  
<sup>5</sup> Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International  $\frac{1}{4}$ -inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

**Table 756.—Timber products: Producer price indexes, selected products, United States, 1963-77**

[1967 = 100]

Year	Lum- ber	Ply- wood <sup>1</sup>	Wood pulp	Paper	Paper- board	Year	Lum- ber	Ply- wood <sup>1</sup>	Wood pulp	Paper	Paper- board
1963.....	91.2	107.1	93.6	93.1	99.7	1971.....	135.5	131.2	112.0	114.1	102.4
1964.....	92.9	104.2	98.1	94.2	101.5	1972.....	159.4	158.6	111.5	116.3	106.5
1965.....	94.0	103.9	100.1	94.6	101.5	1973.....	205.2	201.8	128.3	121.4	115.1
1966.....	100.1	109.2	100.0	97.5	102.2	1974.....	207.1	225.4	217.8	148.6	152.2
1967.....	100.0	100.0	100.0	100.0	100.0	1975.....	192.5	238.2	283.4	172.9	170.3
1968.....	117.4	133.6	100.0	102.0	95.9	1976.....	233.0	263.1	286.0	182.3	176.0
1969.....	131.6	140.3	100.0	105.5	99.4	1977 <sup>2</sup> .....	276.5	298.2	291.1	194.3	176.2
1970.....	113.7	116.4	109.3	111.0	101.1						

<sup>1</sup> Softwood plywood, interior panel,  $\frac{1}{4}$ -inch, grade A-D. <sup>2</sup> Preliminary.

Forest Service. Compiled from reports of the Bureau of Labor Statistics, U.S. Department of Labor.

**Table 757.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1963-77**

Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>2</sup>	Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>2</sup>
	Cattle and horses	Sheep			Cattle and horses	Sheep	
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
1963.....	1,339	2,280	4,028	1971.....	1,606	2,051	5,413
1964.....	1,360	2,204	3,790	1972.....	1,633	2,049	5,515
1965.....	1,376	2,112	3,521	1973.....	1,571	1,698	6,196
1966.....	1,476	2,309	3,861	1974.....	1,580	1,470	7,796
1967.....	1,521	2,264	4,184	1975.....	1,626	1,549	7,665
1968.....	1,531	2,346	4,083	1976.....	1,690	1,750	10,909
1969.....	1,639	2,162	4,438	1977 <sup>3</sup> .....	*1,542	*1,467	11,443
1970.....	1,607	2,105	4,371				

<sup>1</sup> Prior to 1973, data are livestock permitted to graze, including swine.

<sup>2</sup> Fiscal years ending June 30 for 1963-76.

<sup>3</sup> Fiscal

year ending Sept. 30. <sup>4</sup> Preliminary.

Forest Service.

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Table 758.—Livestock on National Forest System lands: Number grazed in 1976, and grazing receipts for the year ending Sept. 30, 1977, by States

State or other area	Number grazed, 1976		Receipts from grazing, year ending Sept. 30, 1977 <sup>1</sup>	State or other area	Number grazed, 1976		Receipts from grazing, year ending Sept. 30, 1977 <sup>1</sup>
	Cattle and horses	Sheep			Cattle and horses	Sheep	
	Number	Number	Dollars		Number	Number	Dollars
Ala.	651		1,623	Ohio.	15		
Alaska.			35	Okl.	1,902		1,207
Aris.	151,720	61,165	1,809,376	Oreg.	119,889	84,085	652,844
Ark.	15,857		13,733	S.C.	262		
Calif.	123,089	106,564	2,592,961	S. Dak.	26,643	6,447	150,261
Colo.	209,438	355,650	1,135,750	Tex.	3,940		6,034
Fla.	1,327		5,266	Utah.	120,354	284,335	761,502
Ga.	519		3,742	Vt.	11		60
Idaho.	150,779	359,735	917,148	Va.	576		1,292
Ill.	670	1,112		Wash.	44,128	16,596	152,428
Ind.	60			W. Va.	1,300	444	6,035
Ky.			2	Wis.	23		
La.	7,287		9,495	Wyo.	153,019	291,648	746,655
Mich.	55			National forests.	1,471,544	1,728,653	9,701,079
Minn.	72	15		National grasslands and land utilization project lands.			
Miss.	5,547	30	7,385		219,699	21,117	1,741,526
Mo.	2,231		8,371	Total.	1,690,243	1,749,770	11,442,605
Mont.	147,103	38,068	835,738				
Nebr.	17,770		167,350				
Nev.	64,176	73,839	400,500				
N. Mex.	101,293	48,884	1,263,256				
N.C.	55						

<sup>1</sup> Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

<sup>2</sup> Includes \$5,293 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

Table 759.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1963-77

Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>3</sup>	Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.	117,390	4,028	4,805	126,224	1971.	217,035	5,413	13,741	236,189
1964.	127,962	3,790	5,763	137,514	1972.	330,030	5,515	14,462	350,007
1965.	138,772	3,521	6,946	149,239	1973.	446,733	6,196	16,819	469,748
1966.	164,940	3,861	6,816	175,616	1974.	459,892	7,796	17,996	485,684
1967.	172,791	4,184	7,541	184,517	1975.	341,305	7,065	24,091	373,061
1968.	205,627	4,083	8,613	218,233	1976.	418,554	10,909	25,190	454,653
1969.	306,815	4,438	10,001	321,254	( <sup>2</sup> )	(196,347)	(1,164)	(7,489)	(205,000)
1970.	253,607	4,371	11,425	269,703	1977 <sup>1</sup> .	652,050	11,443	28,076	691,569

<sup>1</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>2</sup> Includes receipts from Oregon and California, Railroad Grant Lands.

<sup>3</sup> Transition quarter July 1, 1976-Sept. 30, 1976.

Forest Service.

**Table 760.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years <sup>1</sup> 1975-77 <sup>2</sup>**

State or other area	1975	1976	1977	State or other area	1975	1976	1977
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	227	554	686	N.H.....	131	163	239
Alaska.....	1,046	309	2,555	N. Mex.....	668	1,131	2,046
Ariz.....	1,293	2,479	4,880	N.C.....	233	188	258
Ark.....	944	1,472	2,902	Ohio.....	32	21	52
Calif.....	<sup>3</sup> 19,171	23,430	47,866	Okl.....	120	198	497
Colo.....	859	1,017	1,878	Oreg.....	34,091	47,376	89,775
Ga.....	705	873	1,079	Pa.....	334	351	352
Idaho.....	285	311	537	S.C.....	973	1,164	992
Ill.....	3,873	4,415	14,379	S. Dak.....	50	86	476
Ind.....	24	25	43	Tenn.....	94	108	224
Ky.....	27	39	33	Tex.....	551	1,230	1,323
La.....	103	110	222	Utah.....	323	447	630
Maine.....	1,199	1,624	2,525	Vt.....	48	34	131
Mich.....	0	11	17	Va.....	91	67	116
Minn.....	272	318	672	Wash.....	15,114	12,777	28,795
Miss.....	208	167	397	W. Va.....	111	115	106
Mo.....	1,554	2,091	4,193	Wis.....	145	208	475
Mont.....	1,738	1,321	2,113	Wyo.....	367	463	581
Nebr.....	2,618	2,643	9,428	P.R.....	2	3	4
Nev.....	29	49	46				
N.H.....	138	145	394	Total.....	89,770	100,523	224,098

<sup>1</sup> Fiscal years July 1-June 30 for 1975 and 1976; Oct. 1-Sept. 30 for 1977.<sup>2</sup> Payments under the acts of May 23, 1906 (as amended), July 24, 1956 and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.<sup>3</sup> Includes special payment of \$1,076,000 made to California in 1975.

Forest Service.

**Table 761.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, 1977**

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
Ala.....	264	680	1,144	N. Mex.....	2,034	3,212	5,246
Alaska.....	685	1,512	2,197	N.Y.....	11	29	40
Ariz.....	5,042	7,779	12,822	N.C.....	1,091	2,475	3,566
Ark.....	724	2,132	2,857	N. Dak.....	15	113	128
Calif.....	18,900	28,627	47,536	Ohio.....	49	266	315
Colo.....	6,837	11,197	18,034	Okl.....	96	413	509
Fla.....	1,611	1,923	3,433	Oreg.....	7,226	9,432	16,659
Ga.....	499	1,471	1,969	Pa.....	658	1,317	1,975
Idaho.....	2,984	6,672	9,656	S.C.....	189	680	869
Ill.....	979	923	1,903	S. Dak.....	710	1,778	2,488
Ind.....	201	811	1,012	Tenn.....	825	1,040	1,864
Kans.....	7	41	48	Tex.....	373	1,504	1,876
Ky.....	558	1,877	2,435	Utah.....	4,225	7,117	11,342
La.....	284	353	607	Vt.....	475	182	657
Maine.....	54	36	89	Va.....	659	2,612	3,271
Mich.....	1,877	4,169	5,546	Wash.....	4,370	8,797	13,167
Minn.....	1,290	2,890	4,180	W. Va.....	901	1,228	1,830
Miss.....	230	767	997	Wis.....	559	1,412	1,971
Mo.....	402	1,077	1,479	Wyo.....	2,139	3,757	5,896
Mont.....	2,406	5,378	7,784	P.R.....	314	69	383
Nebr.....	60	101	161				
Nev.....	724	1,108	1,832	Total.....	73,776	131,021	204,797
N.H.....	1,155	1,866	3,027				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.<sup>2</sup> Totals may not add because of rounding.

Forest Service.

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Table 762.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States, 1963–77

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunter harvest <sup>4</sup>	
	Fishermen	Hunters	Deer	Others <sup>3</sup>	Deer	Others <sup>3</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1963.....	18,151	9,938	3,930	590	584	81
1964.....	19,358	10,817	3,965	593	571	92
1965.....	16,197	14,100	4,023	623	574	96
1966.....	14,709	13,119	3,800	618	516	87
1967.....	13,956	13,349	3,996	634	530	93
1968.....	14,521	14,043	3,839	596	535	90
1969.....	14,868	14,148	3,691	599	562	96
1970.....	15,239	14,806	3,609	601	493	99
1971.....	14,842	13,130	3,467	602	471	96
1972.....	15,487	13,740	3,292	608	396	84
1973.....	15,761	14,232	3,065	610	376	89
1974.....	16,403	14,423	2,992	636	376	101
1975.....	16,151	14,472	2,809	647	338	97
1976.....	16,098	14,059	2,698	652	312	105
1977.....	16,029	14,517	2,723	686	291	96

<sup>1</sup> Data for the years 1963–64 are user visits; beginning 1965, data are visitor-days. A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

<sup>2</sup> Inventory as of Apr. 30.

<sup>3</sup> Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

<sup>4</sup> For years ending June 30.

Forest Service.

Table 763.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1963–77

Year	Pulpwood consumption <sup>1</sup>	Wood pulp production	Paper and board		
			Production	Estimated total consumption or new supply <sup>2</sup>	Per capita consumption
	1,000 cords <sup>3</sup>	1,000 tons	1,000 tons	1,000 tons	Pounds
1963.....	46,435	30,121	39,231	43,716	462
1964.....	50,148	32,415	41,703	46,380	484
1965.....	51,070	33,963	44,091	49,111	506
1966.....	56,260	36,603	47,113	52,680	536
1967.....	55,932	36,660	46,899	51,940	523
1968.....	62,052	40,892	51,245	55,686	555
1969.....	65,892	42,813	54,058	58,796	580
1970.....	67,562	43,846	53,516	58,057	567
1971.....	67,157	43,903	55,086	59,672	576
1972.....	71,538	46,767	59,457	64,510	618
1973.....	73,596	48,327	61,304	66,881	636
1974.....	74,327	48,349	59,930	64,669	610
1975.....	68,421	43,084	52,521	55,955	524
1976.....	72,209	48,804	60,043	64,096	596
1977.....	74,807	49,777	61,899	66,497	613

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Production plus imports and minus exports; changes in inventories not taken into account.

<sup>3</sup> One cord equals 128 cubic feet.

<sup>4</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications.

## FOOTNOTES FOR TABLE 766

<sup>1</sup> Reports of the U.S. Department of Commerce.

<sup>2</sup> Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.

<sup>3</sup> Barrels of 50 gallons.

<sup>4</sup> Total supply less exports and Mar. 31 stocks.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 764.—Turpentine and rosin: Reported industrial consumption, United States, 1975-77

Year	Turpentine, crop year beginning April			Rosin, <sup>1</sup> crop year beginning April		
	1975	1976	1977	1975	1976	1977
	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Drums <sup>3</sup>	Drums <sup>3</sup>	Drums <sup>3</sup>
Chemicals and rubber.....	419,490	476,160	464,150	384,270	445,870	376,040
Ester gums and synthetic resins.....	(4)	(4)	(4)	222,340	283,060	241,980
Paint, varnish, and lacquer.....	870	740	1,020	16,480	22,280	23,300
Paper and paper size.....	(4)	(4)	(4)	371,650	370,370	357,560
Other industries.....	3,110	3,690	7,770	88,810	81,230	69,100
Total.....	423,470	480,590	472,940	1,045,550	1,202,780	1,067,950

<sup>1</sup> Includes B-wood resin.<sup>2</sup> Barrels of 50 gallons.<sup>3</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>4</sup> Included in other industries to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 765.—Gum naval stores: Market prices and value, United States, 1963-77

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weighted average market price <sup>1</sup>		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds net	Turpentine	Rosin	Turpentine and rosin
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	29.60	0.339	11.00	2,382	26,101	28,483
1964.....	30.50	.450	11.02	2,691	22,368	25,059
1965.....	30.20	.355	10.36	3,091	19,352	22,443
1966.....	29.80	.362	10.30	2,366	14,534	16,900
1967.....	31.00	.574	10.36	1,944	11,966	13,910
1968.....	31.24	.770	10.45	1,941	9,241	11,182
1969.....	36.57	1.138	11.80	1,991	7,244	9,235
1970.....	47.37	1.200	15.03	1,580	6,818	8,398
1971.....	51.14	1.200	16.93	1,702	6,210	7,912
1972.....	55.17	1.046	18.89	1,389	8,694	10,083
1973.....	60.97	.806	22.72	863	8,737	9,600
1974.....	84.39	1.389	35.62	1,094	10,106	11,190
1975.....	59.59	1.535	25.15	1,640	9,338	10,978
1976.....	59.46	1.427	24.46	1,278	7,971	9,249
1977.....	65.46	1.425	25.35	1,035	6,702	7,737

<sup>1</sup> Computed from data compiled by the Market News Service in Raleigh, N.C.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 767

<sup>1</sup> Imports for consumption, as reported by the U.S. Department of Commerce.<sup>2</sup> Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.<sup>3</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>4</sup> Less than 500 drums.<sup>5</sup> Reports of the U.S. Department of Commerce. Includes some modified rosin.<sup>6</sup> Total supply less exports and Mar. 31 stocks.<sup>7</sup> The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 766.—Turpentine: Supply and distribution, United States, 1965-77

Crop year beginning April	Supply										
	Stocks, Apr. 1			Production			Imports for consumption <sup>1,2</sup>			Total supply	
	Gum	Wood		Gum	Wood		Gum	Wood	Total	Gum <sup>3</sup>	Total
		Steam distilled	Sulfate		Sulfate	Total wood					
1965.....	Barrils <sup>4</sup> 26,590	Barrils <sup>4</sup> 110,650	Barrils <sup>4</sup> 137,240	Barrils <sup>4</sup> 111,370	Barrils <sup>4</sup> 168,630	Barrils <sup>4</sup> 589,260	Barrils <sup>4</sup> 700,660	Barrils <sup>4</sup> 18,010	Barrils <sup>4</sup> 168,670	Barrils <sup>4</sup> 889,940	Barrils <sup>4</sup> 885,910
1966.....	28,810	114,290	143,080	84,210	124,440	426,750	581,260	17,800	130,220	695,570	826,390
1967.....	25,000	108,500	133,500	80,000	120,000	400,000	580,000	18,000	118,000	678,000	796,000
1968.....	16,260	88,140	105,400	50,410	126,000	479,500	601,760	22,730	80,140	690,900	780,300
1969.....	11,010	78,740	89,750	34,990	102,860	470,500	582,350	23,050	69,050	658,120	727,170
1970.....	13,360	68,470	81,830	25,830	94,620	485,350	540,970	24,130	63,320	618,440	681,760
1971.....	12,930	89,120	102,050	28,360	88,390	484,900	540,290	22,660	63,950	629,850	710,310
1972.....	11,530	90,350	101,880	26,550	78,380	464,120	539,500	42,280	80,300	629,800	710,310
1973.....	14,220	94,870	109,090	21,410	68,960	440,370	509,230	33,640	66,270	604,060	673,330
1974.....	10,980	89,770	100,750	15,610	62,000	409,160	471,420	58,440	84,710	529,260	578,970
1975.....	8,550	65,360	70,740	20,690	41,420	385,480	426,900	15,700	43,670	499,330	612,160
1976.....	9,550	104,040	113,590	17,420	59,720	405,100	464,820	482,240	570	539,430	612,160
1977.....	7,350	120,440	127,790	14,530	50,880	412,150	463,030	490	7,940	583,870	613,290

Crop year beginning April	Distribution										
Exports <sup>1</sup>			Stocks, Mar. 31			Domestic disappearance <sup>2,4</sup>			Reported industrial consumption		
Gum	Wood		Gum	Wood		Gum	Wood	Total	Gum	Total	
Barrils <sup>4</sup>	Barrils <sup>4</sup>	Barrils <sup>4</sup>	Barrils <sup>4</sup>	Barrils <sup>4</sup>	Barrils <sup>4</sup>						
1965.....	Barrils <sup>4</sup> 21,510	Barrils <sup>4</sup> 23,610	Barrils <sup>4</sup> 45,120	Barrils <sup>4</sup> 28,810	Barrils <sup>4</sup> 114,290	Barrils <sup>4</sup> 143,080	Barrils <sup>4</sup> 105,650	Barrils <sup>4</sup> 562,050	Barrils <sup>4</sup> 667,700	Barrils <sup>4</sup> 8,240	Barrils <sup>4</sup> 535,680
1966.....	22,140	36,450	58,590	21,610	118,670	140,280	97,070	562,900	649,060	11,980	545,280
1967.....	17,980	32,810	50,790	16,260	89,140	105,400	75,900	571,900	680,800	4,070	567,270
1968.....	15,510	33,780	49,290	11,010	72,470	86,750	71,020	581,750	632,770	3,850	597,670
1969.....	5,510	34,880	40,390	13,360	68,470	81,830	50,180	569,180	610,360	3,340	596,560
1970.....	6,130	33,620	39,650	12,930	89,120	102,050	44,260	468,860	549,910	3,130	536,230
1971.....	3,830	38,040	41,870	11,530	90,350	101,880	48,860	501,020	540,040	4,500	544,540
1972.....	830	88,390	89,220	14,220	94,870	109,090	65,310	446,610	511,940	2,460	487,500
1973.....	3,240	34,020	37,260	10,980	89,770	100,750	55,050	480,270	535,320	1,930	443,270
1974.....	2,090	14,220	16,310	8,550	62,000	70,740	48,860	481,610	530,470	2,030	439,700
1975.....	1,460	2,730	4,190	7,450	104,040	113,560	73,700	383,490	464,060	1,820	431,280
1976.....	2,060	18,260	20,260	7,350	120,440	127,790	33,260	430,790	464,060	1,820	431,280
1977.....	920	16,320	19,440	4,790	89,020	90,810	23,710	479,330	503,040	1,370	471,370

See footnotes on page 545.



Crop year beginning April

Crop year beginning April	Supply														
	Stocks, Apr. 1			Production					Imports, 12			Total supply			
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total	Gum	Wood	Total	
					Steam distilled	Tall oil	Total wood								
1965	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums	1,000 drums
737	346	1,083	361	1,080	626	1,705	2,067	1,009	1,000	1,000	3,151	1,000	2,052	3,151	1,000 drums
906	861	374	1,235	273	966	699	1,665	1,058	1,135	2,058	3,193	1,000	2,058	3,193	1,000 drums
967	833	309	1,144	223	965	645	1,610	1,059	1,854	2,913	3,013	1,000	1,854	2,913	1,000 drums
968	894	258	960	171	960	714	1,675	899	1,941	2,840	3,496	1,000	899	1,941	1,000 drums
968	894	258	960	171	960	714	1,675	899	1,941	2,840	3,496	1,000	899	1,941	1,000 drums
968	894	258	960	171	960	714	1,675	899	1,941	2,840	3,496	1,000	899	1,941	1,000 drums
970	833	309	1,144	223	965	645	1,610	1,059	1,854	2,913	3,013	1,000	1,854	2,913	1,000 drums
970	833	309	1,144	223	965	645	1,610	1,059	1,854	2,913	3,013	1,000	1,854	2,913	1,000 drums
971	147	114	261	62	734	805	1,539	631	1,631	2,262	3,893	1,000	2,262	3,893	1,000 drums
971	147	114	261	62	734	805	1,539	631	1,631	2,262	3,893	1,000	2,262	3,893	1,000 drums
972	61	133	184	89	700	840	1,540	1,629	1,673	1,837	3,517	1,000	1,673	1,837	1,000 drums
972	61	133	184	89	700	840	1,540	1,629	1,673	1,837	3,517	1,000	1,673	1,837	1,000 drums
973	15	112	127	74	658	832	1,509	1,884	1,895	1,622	3,517	1,000	1,895	1,622	1,000 drums
974	33	75	108	54	547	738	1,282	1,308	1,327	250	1,576	1,000	1,327	250	1,000 drums
975	97	196	283	72	358	538	1,016	1,058	1,190	1,302	3,492	1,000	1,302	1,302	1,000 drums
976	106	216	322	81	406	587	1,013	1,058	1,190	1,302	3,492	1,000	1,302	1,302	1,000 drums
977	38	145	183	51	474	776	1,280	1,301	1,114	1,390	3,515	1,000	1,114	1,390	1,000 drums
977	38	145	183	51	474	776	1,280	1,301	1,114	1,390	3,515	1,000	1,114	1,390	1,000 drums

### Distribution

Crop year beginning April

Crop year beginning April	Exports <sup>a</sup>			Stocks, Mar. 31			Domestic disappearance <sup>b</sup>			Reported industrial consumption <sup>c</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
1965	1,000 drums <sup>a</sup> 80	1,000 drums <sup>a</sup> 460	1,000 drums <sup>a</sup> 540	1,000 drums <sup>a</sup> 961	1,000 drums <sup>a</sup> 374	1,000 drums <sup>a</sup> 1,334	1,000 drums <sup>a</sup> 1,186	1,000 drums <sup>a</sup> 1,318	1,000 drums <sup>a</sup> 1,377	1,000 drums <sup>a</sup> 1,386	1,000 drums <sup>a</sup> 1,401	1,000 drums <sup>a</sup> 1,436
1966	104	554	658	835	309	1,143	1,000	1,104	1,302	1,376	1,421	1,497
1967	194	510	704	694	266	960	1,178	1,378	1,348	1,404	1,460	1,493
1968	188	481	669	953	256	1,209	1,272	1,451	1,451	1,472	1,480	1,502
1969	143	411	554	811	114	925	1,114	1,261	1,375	1,421	1,441	1,541
1970	123	381	504	669	147	816	1,123	1,232	1,277	1,321	1,341	1,461
1971	111	366	477	511	133	644	1,123	1,258	1,277	1,311	1,341	1,439
1972	66	380	446	51	133	184	1,131	1,165	1,244	1,276	1,318	1,429
1973	71	395	466	18	113	131	78	1,065	1,244	1,276	1,306	1,382
1974	301	418	719	33	75	108	136	1,156	1,291	1,271	1,272	1,321
1975	18	321	339	97	186	283	135	800	1,036	1,111	993	1,103
1976	13	261	274	66	172	232	117	863	983	1,044	942	1,046
1977	15	285	300	59	145	204	85	1,039	1,154	1,181	1,154	1,181
1978	14	189	203	21	210	231	80	999	1,079	79	1,008	1,066

See footnotes on page 549.

See footnotes on page 548.

## CHAPTER XIII

### CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 657.

**Table 768.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1963-78**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1963.....	185.3	185.5	1971.....	203.1	204.3
1964.....	187.9	189.1	1972.....	206.5	206.5
1965.....	190.5	191.6	1973.....	207.3	208.1
1966.....	192.6	193.4	1974.....	209.0	209.7
1967.....	194.4	195.3	1975.....	210.6	211.4
1968.....	196.4	197.1	1976.....	212.3	213.0
1969.....	198.3	199.1	1977.....	213.9	214.7
1970.....	200.5	201.7	1978.....	215.6	.....

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on published and unpublished records of the U.S. Department of Commerce.

Table 769.—Food nutrients: Quantities available for consumption per capita per day, United States, 1963-77<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	Calories	Grams	Grams	Grams	Grams	Grams	Milligrams	Milligrams	International units	Milligrams	Milligrams	Milligrams	Milligrams	Micrograms	Milligrams
1963.....	3,150	96	145	371	0.96	1.53	16.8	343	7,900	1.57	2.32	22.3	2.02	0.3	99
1964.....	3,180	97	147	373	.96	1.53	17.0	343	7,900	1.57	2.32	22.3	2.02	0.3	99
1965.....	3,190	97	147	373	.96	1.53	17.0	339	7,700	1.81	2.30	21.9	2.02	0.1	97
1966.....	3,190	97	147	373	.96	1.53	16.7	341	7,600	1.81	2.31	22.3	2.10	0.1	99
1967.....	3,210	99	150	374	.95	1.54	17.3	343	7,600	1.91	2.36	22.9	2.13	0.1	104
1968.....	3,280	100	154	380	.95	1.56	17.6	347	8,200	1.92	2.38	23.3	2.16	0.1	107
1969.....	3,280	100	153	381	.95	1.55	17.8	345	8,100	1.92	2.38	23.3	2.18	0.1	107
1970.....	3,300	100	156	380	.94	1.55	18.0	342	8,300	1.92	2.37	23.7	2.22	0.1	111
1971.....	3,320	101	158	381	.94	1.56	18.1	343	8,300	1.95	2.36	23.7	2.24	0.1	111
1972.....	3,320	101	158	381	.94	1.56	18.1	345	8,100	1.90	2.32	23.2	2.18	0.1	113
1973.....	3,330	101	158	383	.93	1.53	18.1	341	8,100	1.97	2.36	23.8	2.21	0.1	113
1974.....	3,350	102	160	385	.92	1.53	18.2	341	8,100	2.03	2.44	24.8	2.21	0.1	118
1975.....	3,250	99	156	379	.92	1.53	18.2	349	8,200	2.08	2.52	25.5	2.28	0.1	118
1976.....	3,250	100	156	377	.95	1.57	18.7	349	8,200	2.08	2.50	25.6	2.29	0.1	116
1977 <sup>2</sup> .....	3,380	103	159	391	.94	1.57	18.6	347	8,200	2.09	2.50	25.6	2.29	0.1	116

<sup>1</sup>Quantities of nutrients computed by Science and Education Administration, Consumer and Food Economics Administration, and Food Economics Administration, based on estimates of per capita food consumption (trial weight), including estimates of produce of home gardens, prepared by the Economics, Statistics, and Cooperative Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: vitamin A value to margarine, milk of all types, milk extenders; vitamin B<sub>6</sub> to

cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders and cereals. Quantities of added nutrients for 1963-66 were estimated in part by Consumer and Food Economics Institute.

<sup>2</sup>Preliminary.

Science and Education Administration.

Table 770.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1977<sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohy- drate	Cal- cium	Phos- phorus	Iron	Magne- sium	Vitamin A value	Thia- min	Ribo- flavin	Nia- zin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascor- bic acid
	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent
<b>1967</b>															
Meat (including pork fat cuts), poultry, and fish.....	29.0	46.4	34.1	0.1	2.7	5.5	36.2	29.7	22.4	28.6	24.0	46.4	45.9	68.9	1.3
Eggs.....	2.3	5.9	2.7	0.1	2.6	6.0	6.0	1.4	6.7	2.6	5.7	4.4	2.3	9.4	1.0
Dairy products, excluding butter.....	17.0	22.7	13.5	7.3	76.0	36.4	2.2	22.4	12.3	9.7	41.9	1.7	10.6	20.9	4.8
Fats and oils, including butter.....	11.0	2.2	40.9	(*)			0	2.4	8.3	0	0	0	1.1	0	0
Citrus fruits.....	8.4	4	1.1	1.8		6	8	2.0	1.3	2.5	5	8	1.2	0	26.0
Other fruits.....	2.3	6	2	5.0	1.2	1.1	3.6	3.9	6.1	1.9	1.5	1.8	8.9	0	10.7
Potatoes and sweetpotatoes.....	2.8	2.3	1	5.3	1.0	3.8	4.0	7.0	8.8	5.0	1.5	6.6	9.9	0	16.2
Dark green and deep yellow vegetables.....	2	4	(*)	4	1.7	4	1.6	2.9	20.0	6	4.9	6.0	9.5	0	30.9
Other vegetables, including tomatoes.....	5.6	5.3	3.7	3	3.6	5.7	6.5	11.0	(*)	5.4	1.7	6.6	4.3	0	(*)
Dry beans and peas, nuts, soy flour, and grits.....	20.2	18.4	1.4	36.6	3.4	12.5	28.0	18.1	4	36.7	16.9	23.9	8.8	8	0
Wheat and wheat products.....	15.2	(*)	0	30.0	1.0	1.9	5.3	2.2	0	(*)	1.7	(*)	(*)	0	0
Sugar and other sweeteners.....	8	4	1.4	7	1.0	1.6	2.7	8.4	1.2	1	1	5.4	1	0	1.5
Miscellaneous <sup>2</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1977<sup>3</sup></b>															
Meat (including pork fat cuts), poultry, and fish.....	20.0	42.6	34.1	0.1	4.0	28.5	30.9	14.1	22.4	25.9	24.3	45.2	47.4	70.5	1.1
Eggs.....	1.8	4.8	2.7	1	2.2	5.0	4.7	1.2	5.5	2.0	4.5	1	1.8	7.9	0
Dairy products, excluding butter.....	11.1	22.0	12.5	6.7	74.6	35.0	2.5	21.7	13.0	8.6	39.0	1.4	10.6	20.1	3.9
Fats and oils, including butter.....	18.1	2	43.3	(*)			0	4	8.3	0	0	0	(*)	0	0
Citrus fruits.....	9.9	5	1	2.0	1.0	1.7	8	2.3	1.6	2.7	5	8	1.2	0	27.4
Other fruits.....	2.1	6	3	4.6	1.2	1.1	3.3	3.9	5.5	1.7	1.5	1.9	8.6	0	11.6
Potatoes and sweetpotatoes.....	2.9	2.3	1	5.4	1.0	3.6	4.3	7.2	8.2	4.9	1.6	6.5	9.7	0	18.8
Dark green and deep yellow vegetables.....	2	5	(*)	4	1.6	4.9	8.9	10.5	12	6.3	4.3	5.7	9.3	0	38.6
Other vegetables, including tomatoes.....	5.1	5.4	3.8	3	2.9	6.1	6.3	11.9	(*)	5.3	1.8	6.8	4.3	0	(*)
Dry beans and peas, nuts, soy flour, and grits.....	19.2	17.6	1.3	34.7	3.4	12.2	27.7	17.9	4	41.6	21.0	27.9	8.9	1.5	0
Wheat and wheat products.....	17.3	(*)	0	38.5	2.2	1.5	6.8	2.2	0	(*)	(*)	(*)	(*)	0	(*)
Sugar and other sweeteners.....	7	4	1.2	8	1.6	2.2	2.2	6.7	2.2	1	1	3.6	1	0	3.6
Miscellaneous <sup>2</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages for food groups are based on nutrient data included in table 769.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee and chocolate lique equivalent of cocoa beans and fortification of products not assigned to a specific food group.

\* Components may not add to total due to rounding.

\* Preliminary.

Science and Education Administration.

Table 771.—Food consumption: Index of per capita consumption, by major food groups, United States, 1963-77<sup>1</sup>

[1967 = 100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>1</sup>	Poultry	Fish	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
1963	95.6	83.2	101.0	93.9	99.0	103.7	89.6	117.2	83.8	95.7
1964	98.1	85.6	98.8	96.0	99.3	103.9	92.6	115.0	90.6	99.3
1965	93.7	90.6	101.8	93.6	97.8	103.3	93.7	111.0	91.7	98.6
1966	96.0	96.0	102.6	96.3	97.5	102.0	99.9	99.5	100.8	100.3
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.4	98.7	103.5	101.8	98.5	101.2	103.7	102.4	103.9	103.4
1969	103.0	103.3	105.0	102.4	96.6	100.3	106.7	94.4	110.8	105.0
1970	104.0	107.1	110.7	104.9	97.0	98.9	109.8	90.4	115.5	106.6
1971	107.1	107.9	107.9	107.3	98.0	99.0	108.6	90.1	113.6	105.2
1972	105.2	112.8	117.5	107.2	96.1	99.5	114.7	83.9	123.4	109.3
1973	97.8	108.8	121.3	100.9	91.6	99.2	115.9	77.8	127.5	109.8
1974	104.6	110.6	114.7	106.2	89.9	97.4	113.7	76.2	123.9	106.9
1975	101.0	108.2	113.9	102.8	87.0	98.3	113.8	72.6	127.2	107.8
1976	107.6	116.1	121.0	109.8	85.5	99.1	121.3	68.0	137.2	112.6
1977 <sup>2</sup>	107.0	119.5	119.6	109.8	84.8	98.5	117.5	68.2	132.4	109.6

Year	Fruits			Melons <sup>4</sup>	Vegetables				
	Fresh	Processed	Total		Fresh <sup>4</sup>	Processed		Total <sup>4</sup>	
						Canned	Frozen		
1963	93.5	88.0	90.6	107.5	102.1	91.1	81.3	88.7	97.4
1964	99.0	85.1	91.7	101.4	100.7	91.8	85.0	90.2	97.0
1965	100.0	89.7	94.5	102.2	100.4	94.2	90.1	93.3	97.9
1966	101.0	90.3	95.4	95.9	98.8	95.5	97.3	96.0	97.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	97.7	96.6	97.1	103.3	102.1	103.1	106.3	103.9	102.7
1969	98.1	103.0	100.7	104.1	99.7	105.5	100.0	104.2	101.3
1970	100.6	104.6	102.7	105.3	100.2	104.5	104.6	104.5	101.7
1971	99.6	106.1	103.0	101.8	100.1	104.8	104.8	104.8	101.7
1972	94.4	105.8	100.4	101.0	99.9	106.9	106.7	107.3	102.5
1973	94.4	110.1	102.7	97.5	101.3	111.4	115.4	113.4	106.2
1974	97.4	106.6	102.3	91.1	101.2	109.5	110.8	109.8	104.2
1975	104.4	113.5	106.2	87.4	101.5	108.0	105.6	107.4	103.6
1976	107.3	115.6	111.7	90.8	103.4	116.7	108.6	114.8	107.4
1977 <sup>3</sup>	106.6	112.7	109.8	95.0	102.0	116.1	112.0	116.1	106.6

Year	Potatoes and sweet-potatoes <sup>4</sup>	Beans, peas, nuts, soya products <sup>4</sup>	Flour and cereal products <sup>5</sup>	Sugars and other sweeteners <sup>4</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>7</sup>	Total
1963	88.6	98.9	99.7	98.8	104.9	97.5	96.0	96.8
1964	90.9	98.9	100.4	99.3	102.0	98.8	96.7	97.8
1965	94.0	100.5	100.7	99.3	99.9	97.1	97.6	97.3
1966	103.4	97.2	99.8	100.4	99.4	98.2	98.9	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.6	102.5	100.4	103.0	100.6	101.4	101.6	101.5
1969	111.5	98.7	100.8	103.9	96.6	101.1	102.6	101.8
1970	114.8	98.4	97.9	105.9	93.7	102.2	103.2	102.7
1971	115.8	100.0	98.6	106.5	91.6	103.8	103.3	103.6
1972	116.0	103.8	97.6	108.4	97.9	103.6	104.5	104.0
1973	116.7	104.6	97.8	109.2	96.7	99.2	105.9	102.2
1974	117.7	100.4	96.0	106.6	91.8	101.8	104.1	102.9
1975	121.3	106.6	96.5	102.9	90.8	99.7	104.9	102.0
1976	114.0	104.5	99.0	109.4	93.0	104.0	107.8	106.7
1977 <sup>3</sup>	117.5	103.9	96.8	111.8	74.5	103.7	105.9	104.7

<sup>1</sup> Civilian consumption only. Quantities of individual foods, measured in pounds equivalent to the form sold at retail food stores are combined into indexes using average retail prices in 1957-59.<sup>2</sup> Includes edible offal.<sup>3</sup> Preliminary.<sup>4</sup> Data for

melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption from home garden produce.

<sup>5</sup> Corn sugar and sirups are included with sugars and other sweeteners.<sup>6</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.<sup>7</sup> Excludes spices and herbs.

Table 772.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1963-77<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>1</sup>	Poultry	Fish <sup>2</sup>	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1963.....	152.3	38.0	14.0	204.3	40.3	374	42.6	19.6	29.9	
1964.....	155.8	39.0	13.8	208.6	40.4	374	43.9	18.7	32.1	
1965.....	148.4	41.3	14.2	203.9	39.8	373	44.5	18.3	32.6	
1966.....	151.6	43.8	14.4	209.8	39.7	371	47.2	16.8	36.1	
1967.....	155.5	45.5	14.2	218.2	40.7	362	47.0	17.1	35.4	
1968.....	162.3	45.0	14.8	222.1	40.1	364	48.7	17.8	36.6	
1969.....	161.5	47.1	15.1	223.7	39.3	360	49.8	15.9	39.2	
1970.....	164.8	48.9	15.8	229.5	39.5	358	50.8	15.1	41.0	
1971.....	170.4	49.3	15.6	235.3	40.0	356	50.2	15.3	40.0	
1972.....	166.7	51.4	16.6	234.7	39.2	358	52.6	13.9	43.6	
1973.....	154.9	49.6	17.1	221.6	37.4	354	52.8	12.4	45.1	
1974.....	165.7	50.4	16.4	232.5	36.6	347	51.8	12.6	43.8	
1975.....	188.3	49.6	16.4	224.3	35.4	349	51.8	11.1	45.5	
1976.....	168.6	52.9	17.3	238.8	34.8	353	55.0	10.2	49.2	
1977 <sup>4</sup> .....	169.1	54.5	17.1	239.7	34.5	350	53.1	10.3	47.2	

Year	Fruits				Melons <sup>5</sup>	Vegetables			
	Fresh	Processed	Total			Fresh <sup>6</sup>	Processed		Total <sup>7</sup>
							Canned	Frozen	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1963.....	72.5	48.3	120.8	26.3	143.5	44.9	7.2	52.1	
1964.....	77.5	46.5	124.0	24.8	141.0	44.7	7.6	52.3	
1965.....	79.4	48.1	127.5	25.4	140.8	45.8	8.1	53.9	
1966.....	80.1	49.3	129.4	24.0	138.4	46.3	8.8	55.1	
1967.....	79.8	52.0	131.8	24.3	140.8	47.9	9.0	56.9	
1968.....	76.9	50.9	127.8	24.9	143.6	49.3	9.7	59.0	
1969.....	77.7	55.8	133.5	24.6	140.5	50.4	9.1	59.5	
1970.....	79.3	55.6	134.9	25.2	141.0	49.9	9.6	59.5	
1971.....	78.4	58.7	134.1	24.5	140.7	51.1	9.7	60.8	
1972.....	74.8	54.9	129.7	23.9	141.5	52.1	10.0	62.1	
1973.....	74.2	56.6	130.8	23.8	142.0	54.2	10.7	64.9	
1974.....	76.9	53.5	130.4	21.1	144.7	53.3	10.2	63.5	
1975.....	81.3	56.5	137.8	21.3	143.9	52.4	9.7	62.1	
1976.....	83.5	57.0	140.5	22.6	144.6	53.0	10.2	63.2	
1977 <sup>4</sup> .....	80.3	56.9	137.2	22.9	142.4	53.3	10.3	63.6	

Year	Potatoes and sweet-potatoes <sup>8</sup>	Beans, peas, nuts, soya products <sup>9</sup>	Flour and cereal products <sup>10</sup>	Sugars and other sweeteners <sup>11</sup>	Coffee, tea, cocoa	All foods <sup>12</sup>		
						Animal products	Crop products	Total
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1963.....	96.2	17.0	144	111.1	15.6	631	776	
1964.....	91.6	17.0	144	111.7	15.4	635	774	
1965.....	86.5	16.4	144	111.9	15.1	629	774	
1966.....	92.2	15.8	143	112.6	15.1	632	782	
1967.....	82.4	16.5	144	113.6	15.2	632	781	
1968.....	87.5	16.4	144	115.1	15.3	638	790	
1969.....	84.9	16.6	145	117.5	14.5	634	796	
1970.....	83.3	15.8	141	119.0	14.3	635	795	
1971.....	82.2	16.0	142	120.0	13.9	642	794	
1972.....	82.9	16.9	140	122.7	14.8	641	797	
1973.....	78.9	17.9	140	124.7	14.3	621	803	
1974.....	75.8	17.7	138	123.2	13.3	624	791	
1975.....	82.7	18.0	139	118.0	12.7	615	800	
1976.....	79.3	17.5	143	126.0	12.5	632	819	
1977 <sup>4</sup> .....	86.4	17.3	139	129.4	10.5	630	815	

See footnotes on page 558.

Table 773.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, December 1977<sup>1</sup>

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
	Dollars	Dollars	Dollars	Dollars
<b>FAMILIES</b>				
United States: <sup>2</sup>				
Family of 2: <sup>3</sup>				
20-54 years.....	23.80	31.70	39.70	47.70
55 years and over.....	21.30	28.30	35.00	42.00
Family of 4:				
Children, 1-2 and 3-5 years.....	33.40	44.00	54.90	66.00
Children, 6-8 and 9-11 years.....	40.30	53.10	66.00	80.10
<b>INDIVIDUALS<sup>3</sup></b>				
United States:				
Child:				
7 months to 1 year.....	4.80	5.90	7.20	8.50
1-2 years.....	5.30	6.90	8.50	10.20
3-5 years.....	6.80	8.30	10.30	12.40
6-8 years.....	8.30	10.80	13.50	16.30
9-11 years.....	10.40	13.80	17.00	20.40
Male:				
12-14 years.....	11.10	14.30	18.00	21.60
15-19 years.....	12.20	15.80	19.90	24.00
20-54 years.....	11.90	15.80	20.00	24.10
55 years and over.....	10.60	14.00	17.40	21.00
Female:				
12-19 years.....	9.90	12.80	15.90	19.10
20-54 years.....	9.70	13.00	16.10	19.30
55 years and over.....	8.80	11.70	14.40	17.20
Pregnant.....	12.30	16.00	19.70	23.50
Nursing.....	13.10	17.00	21.20	25.20
<b>FAMILIES</b>				
Northeast:				
Family of 2: <sup>3</sup>				
20-54 years.....	33.40	42.90	51.70	61.70
55 years and over.....	29.80	37.60	45.30	53.30
Family of 4:				
Children, 1-2 and 3-5 years.....	46.40	59.10	71.20	85.20
Children, 6-8 and 9-11 years.....	55.80	71.60	86.30	103.30
North Central:				
Family of 2: <sup>3</sup>				
20-54 years.....	31.70	38.90	47.10	56.10
55 years and over.....	28.40	34.40	41.40	49.40
Family of 4:				
Children, 1-2 and 3-5 years.....	44.20	54.10	65.20	78.20
Children, 6-8 and 9-11 years.....	53.20	68.00	82.20	98.20
South:				
Family of 2: <sup>3</sup>				
20-54 years.....	31.80	39.40	48.60	58.60
55 years and over.....	28.30	34.50	41.90	49.90
Family of 4:				
Children, 1-2 and 3-5 years.....	43.90	54.20	65.00	78.00
Children, 6-8 and 9-11 years.....	53.10	66.00	79.30	94.30
West:				
Family of 2: <sup>3</sup>				
20-54 years.....	31.80	40.30	48.50	58.50
55 years and over.....	28.40	35.40	42.60	50.60
Family of 4:				
Children, 1-2 and 3-5 years.....	44.30	55.60	67.20	80.20
Children, 6-8 and 9-11 years.....	53.50	67.60	81.80	97.80

<sup>1</sup> Estimated from quantities in the thrifty food plan shown in *Agricultural Statistics, 1978*, table 763 and in the other three food plans shown in *Agricultural Statistics, 1978*, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1965-66. These prices were adjusted to current levels by use of "Estimated Retail Food Prices by Cities" released periodically by the Bureau of Labor Statistics.

<sup>2</sup> Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5- or 6-person—subtract 5 percent; 7- or more-person—subtract 10 percent.

Science and Education Administration.



**Table 774.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1963-77**

Year ending June 30 <sup>1</sup>	School feeding					Special milk		Institutions and needy persons (food distributed) <sup>2</sup>	
	Cash payments			Food distributed <sup>3</sup>		Quantity	Cash pay- ments <sup>4</sup>	Quantity	Cost
	Lunch <sup>5</sup>	Break- fast <sup>6</sup>	Nonfood assist- ance <sup>7</sup>	Quantity	Cost				
		1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 ½ pints	1,000 dollars	1,000 pounds
1963	108,600			774,971	179,847	2,765,587	93,641	1,411,323	233,443
1964	120,810			785,081	194,930	2,929,030	99,250	1,322,308	234,611
1965	130,435			972,656	272,408	2,966,766	97,417	1,312,816	256,701
1966	141,090			788,037	174,836	3,059,125	96,523	1,000,074	151,029
1967	149,685	566	710	833,380	188,358	3,027,203	99,170	848,572	116,209
1968	159,754	1,985	741	1,026,555	275,977	3,035,687	101,752	871,326	147,263
1969	205,796	5,402	10,396	1,041,965	272,089	2,944,423	101,281	1,200,266	250,353
1970	300,258	10,786	16,705	1,073,205	265,839	2,901,931	101,164	1,330,381	311,876
1971	332,191	19,383	36,404	1,106,657	279,184	2,569,975	91,082	1,465,682	345,704
1972	738,764	24,934	16,646	1,185,197	314,763	2,498,215	90,286	1,363,031	337,537
1973	879,928	34,411	15,284	980,080	331,013	2,533,810	90,534	1,109,563	282,085
1974	1,082,731	58,897	27,191	960,862	319,318	1,425,923	49,158	708,103	229,288
1975	1,288,182	86,090	25,430	763,956	* 423,451	2,152,775	123,726	201,275	75,996
1976	1,493,608	113,169	26,078	853,282	* 429,590	2,305,143	144,090	131,121	53,518
(11)	(192,642)	(16,963)	(6,429)	(143,610)	* (53,435)	(313,429)	(20,592)	(30,628)	(12,189)
1977 <sup>12</sup>	1,673,777	146,094	26,616	1,101,394	** 556,840	2,247,415	153,545	180,338	61,233

<sup>1</sup> Data for fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>2</sup> A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943.

<sup>3</sup> A subsidy program to schools started in January 1967.

<sup>4</sup> A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967.

<sup>5</sup> Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school lunch programs, eleemosynary institutions, and households receiving public assistance from State or Local agencies or other needy persons.

<sup>6</sup> A subsidy program to expand consumption of milk by children.

<sup>7</sup> Includes \$70,809,000 cash in lieu of commodities.

<sup>8</sup> Includes \$5,175,000 cash in lieu of commodities.

<sup>9</sup> Includes \$49,562,000 cash in lieu of commodities.

<sup>10</sup> Includes Nutrition Program for the Elderly.

<sup>11</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>12</sup> Includes \$2,553,000 cash in lieu of commodities.

<sup>13</sup> Includes \$48,588 cash in lieu of commodities to the Nutrition Program for the Elderly.

<sup>14</sup> Preliminary.

<sup>15</sup> Includes \$53,396,281 cash in lieu of commodities.

<sup>16</sup> Includes \$403,823 cash in lieu of commodities to the Nutrition Program for the Elderly.

Food and Nutrition Service.

#### FOOTNOTES FOR TABLE 772

<sup>1</sup> Civilian consumption only. Quantity data used in computing the per capita food consumption index, table 771. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in their primary ingredients, such as flour, shortening, and eggs.

<sup>2</sup> Includes game and edible offal.

<sup>3</sup> Includes 4.3 pounds per capita of game fish in 1975-76 and smaller amounts in previous years.

<sup>4</sup> Preliminary.

<sup>5</sup> Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home garden produce.

<sup>6</sup> Data have been revised to reflect conversion from fresh weight equivalent to processed weight for dehydrated potatoes, potato chips, and shoe strings.

<sup>7</sup> 3.2% products approximated at 1.3 pounds in 1972, 2.1 pounds 1973-74, and 2.0 pounds for 1975-77.

<sup>8</sup> Corn sugar and sirups are with sugars and other sweeteners.

<sup>9</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskinned sweetened condensed milk.

<sup>10</sup> Includes spices and herbs.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 775.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, fiscal year 1977**

Program and food	School Lunch Program		Institutions and needy persons		Total	
	Quantity	Cost <sup>1</sup>	Quantity	Cost <sup>2</sup>	Quantity	Cost
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Dried and dehydrated vegetables.....	10,432	2,038	3,528	942	13,960	2,980
Beef products.....	180,983	136,191	10,158	8,146	191,141	144,337
Dairy products.....	124,477	116,428	36,407	31,531	160,884	137,959
Meat, chopped (canned).....	9	5	23	14	32	19
Fats and oils.....	101,338	44,613	17,387	6,757	118,725	51,370
Canned and processed fruits and juices.....	196,130	50,401	31,128	5,449	227,258	55,850
Canned vegetables and juices.....	181,027	35,297	6,422	1,273	187,449	34,570
Poultry products.....	116,341	76,104	11,143	9,542	127,484	85,646
Pork products.....	576	523	328	295	904	821
Corn products.....	40,225	8,689	6,228	1,213	46,453	9,882
Oats, rolled.....			1,054	104	1,054	164
Rice products.....	30,680	4,169	8,509	1,384	39,189	5,553
Wheat products.....	102,652	8,543	13,434	1,062	116,086	9,605
Miscellaneous.....	46,514	22,463	4,589	3,042	51,103	25,505
<b>Total.....</b>	<b>1,101,384</b>	<b>503,444</b>	<b>150,338</b>	<b>60,817</b>	<b>1,251,722</b>	<b>564,261</b>

<sup>1</sup> Excludes \$53,396,281 cash in lieu of commodities.<sup>2</sup> Excludes \$405,823 cash in lieu of commodities.

Food and Nutrition Service.

**Table 776.—Food Stamp Program: Participation and value of coupons issued, 1963-77**

Year ending June 30 <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars
1963.....	42	225,602	49,876	31,238	18,640
1964.....	43	368,816	73,455	44,841	28,614
1965.....	110	424,652	85,472	52,967	32,505
1966.....	324	864,344	174,232	109,419	64,813
1967.....	838	1,447,097	296,106	190,556	105,550
1968.....	1,027	2,209,964	451,801	278,659	173,142
1969.....	1,489	2,878,113	603,351	374,532	228,819
1970.....	1,747	4,340,030	1,089,961	540,297	549,664
1971.....	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972.....	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973.....	2,228	13,165,882	3,883,982	1,782,847	2,101,406
1974.....	2,818	12,861,826	4,727,451	2,009,155	2,718,296
1975.....	3,035	17,064,196	7,265,642	2,880,141	4,385,501
1976.....	3,035	18,548,715	8,700,209	3,373,704	5,326,505
( <sup>2</sup> ).....	(3,035)	(17,257,140)	(2,087,116)	(819,067)	(1,268,049)
1977 <sup>3</sup> .....	3,035	17,057,598	8,339,805	3,282,081	5,058,061

<sup>1</sup> Data for fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.<sup>2</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.<sup>3</sup> Preliminary.

Food and Nutrition Service.

Table 777.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1977

State or Territory	Child feeding programs						Commodity distribution <sup>2</sup>	Food Stamp Program <sup>1</sup>	Total
	Child Care Food	Summer Feeding	Special Milk	National School Lunch <sup>3</sup>	Breakfast <sup>4</sup>	Nonfood Assistance <sup>4</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	3,942	2,915	3,250	44,147	3,626	437	12,875	98,787	169,949
Alaska.....	214	24	58	1,116	48	24	1,463	5,383	5,330
Ariz.....	1,065	416	440	16,418	1,777	284	9,100	44,607	74,117
Ark.....	1,321	354	1,448	22,836	2,168	245	8,115	66,010	102,497
Calif.....	7,099	14,445	11,285	137,239	22,068	3,053	35,271	332,779	563,239
Colo.....	1,354	567	1,539	14,993	656	246	7,084	48,397	74,638
Conn.....	925	1,125	3,436	15,819	174	489	5,602	44,600	72,170
Del.....	553	341	405	4,132	306	73	2,032	8,373	16,195
D.C.....	553	402	143	6,933	1,676	80	2,212	25,516	37,465
Fla.....	5,704	3,762	2,658	72,558	7,206	718	20,711	261,044	374,341
Ga.....	4,140	2,739	4,130	62,007	6,358	886	18,119	142,514	240,863
Hawaii.....	544	56	188	7,358	548	108	4,133	34,952	47,919
Idaho.....	119	20	149	4,712	65	104	2,226	9,902	17,297
Ill.....	3,835	523	9,112	71,309	5,819	1,081	24,962	281,320	397,991
Ind.....	2,156	2,008	3,724	27,682	1,938	674	15,897	88,578	111,657
Iowa.....	906	117	1,991	18,271	557	386	9,285	29,015	60,528
Kans.....	832	156	1,835	14,477	435	245	-----	14,990	32,970
Ky.....	1,667	962	3,676	33,745	6,271	447	12,409	128,339	187,346
La.....	2,353	2,156	53,131	6,026	698	13,479	134,428	215,137	313,137
Maine.....	395	290	1,158	6,633	540	145	2,726	28,482	43,361
Md.....	1,290	1,338	3,302	25,284	1,740	353	8,597	83,839	125,743
Mass.....	2,609	2,505	5,298	39,684	4,161	607	14,994	148,867	218,725
Mich.....	3,003	3,896	7,984	46,652	966	1,367	20,271	130,859	214,998
Minn.....	856	626	3,414	24,440	845	543	12,702	42,813	86,239
Miss.....	5,928	3,357	1,559	37,809	1,691	365	9,050	106,289	166,048
Mo.....	2,517	853	3,226	33,357	2,215	451	13,482	68,507	124,608
Mont.....	336	61	350	4,606	328	121	3,150	8,701	17,653
Nebr.....	443	156	974	8,867	260	191	3,988	25,847	26,847
Nev.....	218	148	110	3,330	559	43	1,168	6,474	12,050
N.H.....	345	192	1,034	5,214	154	128	1,950	12,791	21,828
N.J.....	4,453	8,242	6,831	51,256	3,215	1,734	4,310	157,385	237,426
N. Mex.....	1,011	282	736	14,345	1,036	148	4,442	39,738	61,738
N.Y.....	15,303	40,633	15,278	123,875	11,710	2,067	36,466	384,439	629,771
N.C.....	3,710	2,933	6,823	66,774	6,577	746	20,611	133,380	241,554
N. Dak.....	167	108	438	4,102	128	78	2,943	4,251	12,215
Ohio.....	2,839	2,601	9,733	61,940	4,038	958	26,019	260,476	368,604
Okl.....	1,850	865	1,337	22,175	1,838	372	7,580	37,316	73,133
Oreg.....	962	286	1,249	12,604	573	254	5,684	42,301	63,913
Pa.....	4,715	10,313	5,569	71,713	3,903	1,762	29,274	205,228	332,477
R.I.....	549	428	803	5,869	379	90	1,910	18,533	28,561
S.C.....	2,329	3,155	1,042	38,745	4,181	366	11,151	89,510	150,479
S. Dak.....	329	293	398	5,406	483	96	4,552	7,474	19,031
Tenn.....	2,723	1,289	4,572	41,027	2,885	446	15,281	133,581	201,804
Tex.....	6,376	2,407	7,247	113,820	10,861	1,137	33,030	255,106	429,984
Utah.....	222	120	322	8,989	314	134	4,127	8,942	23,190
Va.....	203	54	595	3,291	65	70	1,421	10,606	16,365
Vt.....	1,687	1,004	3,361	40,770	2,177	523	16,208	69,620	135,348
Wash.....	1,485	473	1,932	19,791	1,342	298	8,301	62,528	96,150
W. Va.....	474	329	690	16,406	2,111	212	5,237	57,032	82,481
Wis.....	1,240	410	5,342	23,545	577	390	11,270	37,719	80,493
Wyo.....	152	10	91	1,584	34	32	956	2,623	5,782
U.S.....	109,941	122,465	153,171	1,616,068	138,608	26,207	547,846	4,435,512	7,149,818
Guam.....	-----	-----	-----	1,149	286	4	712	9,788	11,939
P.R.....	-----	3,022	165	51,501	6,095	358	13,443	601,210	675,794
Samoa, American.....	-----	-----	-----	720	304	1	278	-----	1,303
Trust Territories.....	166	136	-----	2,368	758	31	1,378	-----	4,837
V.I.....	101	-----	9	1,071	43	15	411	11,551	14,101
Other <sup>5</sup> .....	-----	-----	-----	-----	-----	-----	193	-----	193
Total.....	110,208	125,623	153,345	1,673,777	146,094	26,616	564,261	5,058,061	7,887,965

<sup>1</sup> Preliminary.

<sup>2</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges.

<sup>3</sup> Includes Okinawa, Japan, and Europe.

<sup>4</sup> Excludes \$53,802,000 cash in lieu of commodities.

Food and Nutrition Service.

Table 778.—Food and Nutrition Service programs: Persons participating, fiscal years 1963-77<sup>1</sup>

Year ending June 30 <sup>1</sup>	Children in school lunch program receiving benefits through—			Persons participating in commodity distribution programs for institutions and needy persons (peak month)
	Cash payments <sup>2</sup>		Food distribution <sup>3</sup> (peak month)	
	Average monthly	Peak month		
	Thousands	Thousands	Thousands	Thousands
1963	12,431	16,400	17,811	9,594
1964	13,207	17,548	18,921	8,707
1965	14,079	18,666	20,390	8,633
1966	14,961	19,781	21,394	7,695
1967	15,296	20,237	21,882	6,425
1968	15,572	20,614	21,104	6,829
1969	16,667	22,079	24,056	6,424
1970	17,839	23,127	25,479	7,545
1971	19,082	24,640	24,906	7,247
1972	19,380	24,941	25,142	6,640
1973	19,834	25,075	25,181	6,075
1974	24,463	24,988	25,143	5,369
1975	25,004	25,257	25,422	2,693
1976	25,594	26,055	26,174	2,225
( <sup>4</sup> )	(25,104)	(25,104)	(25,166)	(2,099)
1977 <sup>5</sup>	26,291	27,008	27,072	1,775

<sup>1</sup> "Peak month" is the month of the year when the largest number of persons participated in the program; "Average monthly" is the average for the 9 months of the school year contained in that fiscal year.

<sup>2</sup> Data for fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>3</sup> See footnote 1, table 774.

<sup>4</sup> See footnote 4, table 774.

<sup>5</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup> Preliminary.

Food and Nutrition Service.

Table 779.—Consumers' prices: Index number of prices paid for goods and service purchased by families of urban wage and clerical workers, United States, 1963-77<sup>1</sup>

[1967 = 100]

Year	Food	Nonfood items							All items
		Apparel and upkeep <sup>2</sup>	Housing		Transportation	Medical care	Personal care	Reading and recreation	Other goods and services
			Total	Rent					
1963	91.2	91.9	92.7	95.0	93.0	85.6	93.4	92.8	91.7
1964	92.4	92.7	93.8	95.9	94.3	87.3	94.5	95.0	92.9
1965	94.4	93.7	94.9	96.9	95.0	89.5	95.2	95.9	94.2
1966	96.1	96.1	97.2	98.2	97.2	93.4	97.1	97.5	97.2
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.6	105.4	104.2	102.4	103.2	106.1	104.2	104.7	104.6
1969	108.9	111.5	110.8	105.7	107.2	113.4	109.3	108.7	109.8
1970	114.9	116.1	118.9	110.1	112.7	120.6	113.2	113.4	116.0
1971	118.4	119.8	124.3	115.3	118.6	128.4	116.8	119.3	120.9
1972	123.5	122.3	129.2	119.2	119.9	132.5	119.8	122.8	125.3
1973	141.4	126.8	135.0	124.3	123.8	137.7	125.2	125.9	133.1
1974	151.7	136.2	150.6	130.6	137.7	150.5	137.3	135.8	157.2
1975	175.4	142.3	166.8	137.3	150.6	168.6	150.7	144.4	147.4
1976	180.8	147.6	177.2	144.7	165.5	184.7	160.5	151.2	170.5
1977	192.2	154.2	189.6	153.5	177.2	202.4	170.9	157.9	181.5

<sup>1</sup> Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor.

<sup>2</sup> Prior to 1964, excludes upkeep.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from data of the U.S. Department of Labor.

## CHAPTER XIV

### MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

The table with precipitation and temperature data by States and climatic divisions has been discontinued.

#### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports to those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

Table 780.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1963-77

Year ending June 30 <sup>1</sup>	Agricultural exports <sup>2</sup>					Agricultural imports (for consumption)							Excess of domestic agricultural exports over supplementary imports
	Total domestic exports	Domestic	Per- centage (domestic) of total exports	Foreign (re-ex- ports)	Total imports for con- sump- tion	Total	Sup- plemen- tary <sup>3</sup>	Com- plemen- tary <sup>4</sup>	Supplementary				
									Per- centage of total agricul- tural exports	Per- centage of total agricul- tural imports			
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars		
1963.....	21,638	5,078	23	62	16,398	3,907	2,208	1,699	43	57	2,870		
1964.....	24,718	6,068	25	84	17,776	4,096	2,225	1,871	37	54	3,843		
1965.....	26,331	6,067	23	.....	19,731	3,986	2,127	1,859	35	53	3,970		
1966.....	28,886	6,670	23	.....	23,395	4,454	2,473	1,982	37	56	4,204		
1967.....	30,819	6,771	22	.....	26,427	4,453	2,667	1,786	39	60	4,104		
1968.....	32,195	6,311	20	.....	29,613	4,656	2,845	1,811	45	61	3,466		
1969.....	35,231	5,741	16	.....	34,175	4,931	3,072	1,859	54	62	2,069		
1970.....	41,089	6,721	16	.....	38,219	5,592	3,451	2,141	51	62	3,370		
1971.....	43,063	7,758	18	.....	42,734	5,828	3,684	2,144	47	63	4,074		
1972.....	44,848	8,047	18	.....	50,056	6,048	3,957	2,092	49	65	4,090		
1973.....	57,815	12,902	22	.....	61,389	7,324	4,707	2,617	36	64	8,195		
1974.....	84,924	21,293	25	.....	82,503	9,549	6,273	3,277	29	66	15,021		
1975.....	102,858	21,878	21	.....	101,060	9,879	6,821	2,758	32	71	14,787		
1976.....	106,399	22,147	20	.....	105,883	10,107	6,289	3,818	28	72	15,858		
( <sup>5</sup> ).....	(37,313)	(3,356)	(30)	.....	(31,686)	(2,804)	(1,897)	(1,207)	(30)	(43)	(3,789)		
1977 <sup>6</sup> .....	118,332	24,013	20	.....	143,469	13,382	6,579	6,803	27	49	17,434		

<sup>1</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>2</sup> Includes food exported for relief or charity by individuals and private agencies. These figures include a small amount of certain foodstuffs other than agricultural.

<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>4</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 781.—Agricultural exports: Quantity indexes, United States, fiscal years 1963-77  
(Calendar year 1967 = 100)

Year ending June 30 <sup>1</sup>	Total agricultural exports <sup>2</sup>	Animals and animal products	Meat and meat products <sup>3</sup>	Animal fats <sup>4</sup>	Dairy products <sup>5</sup>	Poultry and poultry products <sup>6</sup>	Cotton and lint	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1963.....	84	104	90	92	197	117	91	83	79	78	99
1964.....	100	140	122	127	290	129	128	93	94	82	92
1965.....	98	130	118	117	240	114	113	84	92	99	95
1966.....	107	108	101	90	154	120	78	83	117	102	106
1967.....	104	101	106	96	99	105	115	110	103	95	106
1968.....	101	96	91	98	95	98	101	100	104	99	91
1969.....	92	110	129	97	125	92	89	100	85	106	93
1970.....	106	101	113	99	90	83	75	101	97	148	109
1971.....	118	125	111	123	90	71	97	104	91	201	111
1972.....	120	149	130	111	172	95	88	100	88	205	115
1973.....	154	125	181	106	58	98	126	103	127	184	123
1974.....	165	130	179	110	39	110	152	121	179	189	136
1975.....	147	136	189	112	56	104	103	112	156	158	144
1976.....	167	144	256	84	44	149	86	105	184	195	161
( <sup>5</sup> ).....	(100)	(153)	(296)	(104)	(56)	(201)	(92)	(75)	(198)	(131)	(165)
1977 <sup>6</sup> .....	177	170	303	127	53	208	115	114	182	197	184

<sup>1</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>2</sup> Based on 359 classifications (commodity groups and total index include commodities shipped as food for relief or charity by individuals and private agencies).

<sup>3</sup> Included in "Animals and animal products."

<sup>4</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



**Table 782.—Agricultural imports: Quantity indexes, United States, fiscal years 1963-77**  
*(Calendar year 1967 = 100)*

Year ending June 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Complementary imports <sup>3</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco unmanufactured
1963.....	100	106	95	101	61	141	93	124	110	87	99	85
1964.....	96	105	88	91	62	132	93	86	215	81	78	83
1965.....	90	95	85	81	62	144	71	124	124	93	82	91
1966.....	103	111	95	106	69	141	90	188	95	92	83	88
1967.....	100	98	100	102	113	108	97	104	105	101	101	95
1968.....	105	104	105	108	94	121	107	115	92	97	102	111
1969.....	107	103	110	115	122	102	115	100	96	105	103	103
1970.....	111	104	116	121	116	82	128	81	131	104	107	103
1971 <sup>5</sup> .....	123	106	134	128	129	232	129	80	194	121	117	118
1972 <sup>5</sup> .....	128	113	139	126	121	176	134	32	223	127	122	136
1973 <sup>5</sup> .....	126	117	149	139	155	178	145	31	260	138	113	122
1974 <sup>5</sup> .....	137	115	153	145	301	155	141	13	242	119	121	149
1975.....	116	95	131	108	128	145	117	12	243	134	102	171
1976.....	136	117	149	131	144	204	134	35	246	198	98	184
( <sup>6</sup> ).....	(135)	(108)	(154)	(130)	(152)	(132)	(138)	(35)	(244)	(196)	(122)	(167)
1977 <sup>1,5</sup> .....	140	107	165	133	172	180	125	40	255	186	113	162

<sup>1</sup> Fiscal years July 1-June 30 for 1963-76; Oct. 1-Sept. 30 for 1977.

<sup>2</sup> Based on 430 classifications.

<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable fibers.

<sup>4</sup> Included in "Animals and animal products."

<sup>5</sup> Preliminary.

<sup>6</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 783.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, transition quarter July 1-Sept. 30, 1976**

Commodity	Public Law 480				Total agricultural exports		
	Title I sales	Title II donations		Foreign Assistance Act of 1961, as amended (AID)	Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Long-term credit sales <sup>1</sup>	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry.....	.....	0.3	9.5	.....	9.8	1.9	11.7
Wheat.....	139.4	7.1	2.1	25.1	173.7	1,023.4	1,197.1
Rice.....	112.7	.....	.....	.....	112.7	73.3	186.0
Corn.....	4.3	.9	( <sup>3</sup> )	65.9	71.1	1,055.7	1,126.8
Grain sorghum.....	.....	.5	.1	6.8	7.4	186.0	193.4
Wheat flour.....	21.2	2.9	4.7	.....	28.8	32.0	60.8
Cornmeal.....	.....	1.2	.6	.....	1.8	2.7	4.5
Sorghum grits.....	.....	.7	.6	.....	1.3	9.0	10.3
Bulgur wheat.....	.....	.4	10.4	.....	10.8	1.7	12.5
Oats, rolled.....	.....	.1	.4	.....	.5	7.5	8.0
Blended food products.....	.....	1.7	9.6	.....	11.3	42.0	53.3
Whey soya beverage powder.....	.....	.....	.5	.....	.5	3.0	3.5
Tobacco, unmanufactured.....	2.0	.....	.....	.6	2.6	170.4	173.0
Soybeans.....	.....	.....	.....	24.2	24.2	467.4	491.6
Cotton, excluding linters.....	24.6	.....	.....	.....	24.6	256.7	281.3
Tallow, inedible.....	.....	.....	.....	8.6	8.6	85.5	94.1
Soybean oil.....	11.9	1.1	3.3	5.9	22.2	41.4	63.6
Other.....	.....	1.3	9.5	1.5	12.3	1,415.9	1,428.2
Total.....	316.1	18.2	51.3	138.0	523.6	4,831.5	5,355.1

See footnotes on page 567.



Table 784.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1977<sup>1</sup>

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports			
	Title I sales		Title II donations		Under specified Government programs	Outside specified Government programs <sup>1</sup>	All	
	Long-term credit sales <sup>2</sup>	Government-to-government and World Food Program	Voluntary agencies					
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Milk, nonfat dry		27.3	54.2		81.5	0.2	81.7	
Variety meats				3.6	3.6	161.1	164.7	
Wheat	313.6	13.1	36.1	86.7	419.5	2,405.9	2,825.4	
Rice	168.4	2.5	4.9	.1	175.9	512.8	588.7	
Corn	43.3	2.4	.2	158.9	204.8	4,285.7	4,500.5	
Grain sorghum	1.5	2.7	1		4.3	626.0	630.3	
Wheat flour	73.3	13.0	20.1		106.4	71.3	177.7	
Corameal	1	2.7	3.4		6.2	8.8	15.0	
Sorghum grits		8.8	3.1		11.9	4.0	15.9	
Bulgur wheat	8.3	0.7	32.7		47.7	1	47.8	
Oats, rolled		3	8.8		7.1	4.0	11.1	
Blended food products	7	6.1	55.6		62.4	4.0	66.4	
Beans, dried	.8				.8	69.3	70.1	
Soya flour, defatted		.2	2.7		2.9	9.6	12.5	
Whey soya beverage powder		.1	1.2		1.3	.5	1.8	
Tobacco	55.6			18.8	74.4	1,010.3	1,084.7	
Soybeans				91.5	91.5	4,215.1	4,306.6	
Cotton, excluding lint	18.0				18.0	1,510.8	1,528.8	
Tallow, inedible				42.3	42.3	450.1	492.4	
Soybean oil	76.1	4.4	19.5	12.0	112.0	301.1	413.1	
Peanut oil		1.8	6.1		7.9	18.4	26.3	
Other	.1		3.3	35.4	38.8	6,821.1	6,859.9	
Total	759.8	92.1	250.0	419.3	1,321.2	22,492.2	24,013.4	

<sup>1</sup> Preliminary. <sup>2</sup> Includes long-term dollar credit and convertible foreign currency sales. <sup>3</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and for tobacco, sales at less than domestic market prices. <sup>4</sup> The excess of Government program shipments over total exports may be attributed to lags in reporting or to differences in classification or valuation procedures.

Economics, Statistics, and Cooperatives Service—Economics.

Table 785.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, fiscal years 1972-77<sup>1</sup>

Type of export	1972	1973	1974	1975	1976	1977 <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Public Law 480:						
Credit sales for foreign currency	143	6				
Long-term dollar and convertible foreign currency credit sales	535	661	575	762	650	760
Government-to-government and World Food Program donations	328	159	147	148	65	92
Donations through voluntary agencies	152	128	145	191	192	250
Foreign Assistance Act of 1961, as amended (AID)	66	84	76	123	216	419
Total agricultural exports under specified Government programs	1,124	1,039	943	1,224	1,123	1,521
Commercial exports (sales for dollars):						
Without assistance	5.4	9.4	19.6	20.0	20.3	21.6
With assistance <sup>3</sup>	1.5	2.5	8	3	7	9
Total commercial exports	6.9	11.9	20.4	20.3	21.0	22.5
Total exports	8.0	12.9	21.3	21.6	22.1	24.0

See footnotes on page 567.

Table 786.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1976 and 1977<sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Veg- table oils	Dairy products	Other	Total
1976 (year ending June 30, 1976)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh.....	64,981		71,331			31,468			157,800
Chile.....	51,803								51,803
Egypt.....	132,045				15,784				147,829
Guinea.....	1,773		2,131			1,408			5,402
Jamaica.....								1,280	1,280
India.....	22,045		5,847						27,895
Indonesia.....	6,833		2,940	34,135					43,908
Israel.....	15,517								15,517
Jordan.....	5,792		38,671						5,792
Korea, Rep. of.....	24,064					15,400			39,464
Pakistan.....	76,097								76,097
Sri Lanka.....	3,402								3,402
Portugal.....			12,413						12,413
Syria.....	8,802		3,194						11,996
Tanzania.....			2,150						2,150
Zaire.....			4,915						4,915
Total.....	416,187		143,282	34,135	15,784	38,386		1,280	649,054
Transition quarter (July 1, 1976 to Sept. 30, 1976)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Afghanistan.....						2,868			2,868
Bangladesh.....			14,805						14,805
Chile.....	224								224
Egypt.....	64,197								64,197
Ethiopia.....	3,473								3,473
Guinea.....	465		1,407			507			2,379
Haiti.....	3,547					1,477			5,024
Honduras.....	2,071								2,071
India.....	26,187		30,171						46,358
Indonesia.....	8,506		39,292						47,798
Jordan.....	3,047								3,047
Korea, Rep. of.....	37,763		19,140	17,775					74,677
Morocco.....	11,583								11,583
Pakistan.....	3,773					8,977			12,750
Portugal.....			7,583	4,977					12,560
Sri Lanka.....	19,653								19,653
Syria.....			10,363		4,763	2,670			17,795
Tanzania.....		4,330							4,330
Tunisia.....	2,800								2,800
Zaire.....			2,867	4,868					7,735
Zambia.....						1,600			1,600
Total.....	187,366	4,330	115,427	27,620	4,763	17,799			357,305

See footnotes at end of table.

Table 786.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1976 and 1977 — Continued

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1977 (year ending Sept. 30, 1977)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh.....	27,499		15,750			5,830			49,488
Egypt.....	161,185	18,651			20,293			830	200,959
Guinea.....			3,041						3,041
Haiti.....	4,130	1,058	2,500			3,379			11,067
India.....	15,795					25,994			41,789
Indonesia.....	30,951		94,460						125,411
Israel.....	11,192								11,192
Jamaica.....		216				682		2,185	3,083
Jordan.....	9,489								9,489
Korea, Rep. of.....	49,881			10,419					72,096
Lebanon.....	4,853		1,458						6,311
Morocco.....	9,593								9,593
Pakistan.....	14,435					36,924			51,359
Philippines.....					13,171				13,171
Portugal.....	9,949	21,877	18,194	7,847	3,893				61,460
Sierra Leone.....	495				799				1,294
Sri Lanka.....	31,371		4,924						36,295
Sudan.....	4,764								4,764
Syria.....					4,993				4,993
Tanzania.....		3,189	4,405						7,594
Tunisia.....	8,652								8,652
Zaire.....			873		12,584				13,457
Zambia.....	1,282					3,300			4,582
Total.....	393,916	44,991	168,404	17,965	55,735	76,109		3,015	762,136

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the Act was signed in 1966 (P.L. 89-906).

<sup>2</sup> Blended foods.

<sup>3</sup> Beans.

Office of the General Sales Manager.

FOOTNOTES FOR TABLE 783

<sup>1</sup> Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and, for tobacco, sales at less than domestic market prices.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> The excess of Government program shipments over total exports may be attributed to lags in reporting or to differences in classification or valuation procedures.

Economics, Statistics, and Cooperatives Service—Economics.

FOOTNOTES FOR TABLE 785

<sup>1</sup> Fiscal years July 1–June 30 for 1972–76; Oct. 1–Sept. 30 for 1977.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than \$500,000.

<sup>4</sup> Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank; credits extended by Commodity Credit Corporation; and barter shipments for overseas procurement for U.S. agencies through 1975.

Economics, Statistics, and Cooperatives Service—Economics.

Table 787.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1973-77<sup>1</sup>

Product	1973	1974	1975	1976	Transition quarter <sup>2</sup>	1977 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities <sup>4</sup> .....	57,814,524	64,923,594	102,558,369	109,388,548	27,011,000	118,398,455
Nonagricultural commodities.....	44,912,448	63,630,944	81,280,054	87,241,920	21,686,510	94,285,062
Agricultural commodities.....	12,902,076	21,292,650	21,578,315	22,146,628	5,355,090	24,013,393
Animals and animal products.....	1,352,910	1,759,134	1,703,777	2,018,651	554,721	2,645,706
Animals, live, excl. poultry.....	84,705	207,383	130,106	119,064	38,075	161,400
Cattle.....	53,576	154,765	94,535	85,617	24,585	62,533
Other.....	30,827	52,618	35,248	33,447	13,489	28,865
Dairy products.....	85,987	63,344	134,476	118,869	38,259	171,252
Anhydrous milkfat.....	156	274	164	85	37	417
Butter.....	2,375	511	597	577	95	482
Cheese and curd.....	5,506	7,575	9,075	10,538	2,641	13,508
Milk and cream:						
Condensed or evaporated.....	8,637	9,272	11,346	15,351	3,723	9,740
Dry, whole milk and cream.....	7,839	8,435	10,950	9,924	1,870	7,873
Fresh.....	2,619	4,090	4,102	5,354	1,155	8,514
Nonfat dry.....	35,433	2,207	58,773	35,028	11,752	81,732
Other.....	23,402	31,960	39,465	41,083	16,986	51,987
Fats, oils, and greases.....	238,828	505,705	486,534	358,481	107,269	579,910
Lard and other rendered pig fat.....	15,598	32,500	30,829	26,066	6,597	43,487
Tallow:						
Edible.....	1,114	8,541	5,819	2,329	1,945	4,378
Inedible.....	201,127	432,771	392,232	305,510	52,541	492,418
Other.....	15,989	31,533	57,954	24,577	5,786	36,228
Meats and meat preparations.....	306,668	310,558	341,742	572,729	136,388	605,454
Beef and veal, except offals.....	64,450	94,950	52,047	98,648	26,601	113,442
Pork, except offals.....	99,251	44,899	115,271	282,962	56,357	225,747
Offals, edible, variety meat.....	104,213	123,036	110,057	131,110	32,176	164,718
Other.....	38,745	53,703	64,267	80,096	21,164	104,552
Poultry and poultry products.....	97,728	142,792	135,013	207,129	69,594	302,358
Poultry, live:						
Breeding chicks.....	14,787	15,373	15,000	16,114	3,896	19,048
Baby chicks, excl. breeding chicks.....	3,470	3,750	3,743	5,003	1,292	4,751
Other.....	2,352	4,340	4,376	8,797	1,572	6,808
Poultry meat, fresh, frozen:						
Chickens.....	25,792	46,819	45,042	81,506	38,276	144,016
Turkeys.....	18,006	29,578	20,716	42,215	7,989	29,878
Other.....	5,163	5,779	6,500	11,003	3,031	10,438
Poultry, canned and specialties.....	2,112	1,587	1,716	2,396	687	8,175
Eggs in the shell, for hatching.....	13,708	15,797	15,976	20,996	4,994	24,016
Eggs in the shell, other.....	1,484	2,933	5,288	6,075	2,340	15,392
Eggs, dried and otherwise preserved.....	3,360	7,766	7,812	6,222	1,646	12,096
Other.....	7,493	9,080	8,536	6,799	3,871	31,843
Hides and skins, incl. fur skins.....	495,173	490,481	411,389	560,749	145,185	797,815
Cattle hides, whole.....	384,303	292,456	254,684	344,389	121,366	531,221
Fur skins.....	85,124	122,235	110,015	195,956	12,300	207,463
Other.....	42,746	45,790	46,690	80,404	11,488	59,131
Other animal products.....	45,823	60,871	64,217	81,629	19,951	84,513
Hair, animal, excl. wool or fine hair.....	613	811	974	767	169	848
Sausage casings.....	14,101	18,191	19,006	22,630	6,307	26,370
Wool, unmanufactured, incl. fine hair.....	3,020	18,302	18,660	25,740	4,354	22,590
Other.....	28,089	23,567	25,577	32,491	9,121	34,705
Vegetable products.....	11,549,166	19,533,516	19,874,538	20,128,277	4,800,369	21,367,687
Cotton, unmanufactured.....	785,945	1,311,083	1,027,921	881,927	283,092	1,538,173
Cotton, raw.....	747,945	1,295,619	1,016,877	873,004	281,336	1,528,514
Linters.....	8,103	17,464	11,044	8,933	2,355	9,358
Fruits and preparations.....	456,728	588,962	648,356	729,787	213,500	803,942
Canned.....	63,786	79,763	75,304	77,405	19,921	93,899
Cherries.....	6,477	5,597	6,720	7,915	2,242	7,814
Fruit cocktail.....	19,661	27,729	23,777	22,660	4,639	26,254
Peaches.....	17,389	24,465	24,053	23,576	5,423	28,364
Pears.....	1,676	2,622	1,742	2,082	358	2,107
Pineapple.....	11,797	10,486	10,049	10,358	3,540	11,671
Other.....	6,786	8,854	8,953	10,827	3,738	17,690
Dried.....	56,749	105,227	88,704	116,833	30,196	110,423
Prunes.....	25,639	46,405	30,092	47,991	8,584	43,527
Grapes (raisins).....	21,659	48,980	47,815	52,851	16,579	51,458
Other.....	9,451	9,842	10,797	15,992	5,033	15,435
Fresh.....	255,141	362,788	381,825	411,905	126,134	438,342
Apples.....	18,946	25,106	37,178	32,395	7,867	45,587
Berries.....	8,757	9,367	11,794	14,093	4,301	14,094
Grapefruit.....	36,740	45,147	54,369	61,258	7,876	86,067
Grapes.....	40,938	48,792	46,422	52,446	26,112	51,591
Lemons and limes.....	50,979	45,585	72,624	77,623	23,200	79,190
Oranges, tangerines, and clementines.....	62,141	74,199	106,464	115,483	28,645	119,531
Pears.....	6,586	12,184	11,777	11,373	3,117	9,343
Other.....	30,074	36,436	41,270	46,364	25,007	52,969

See footnotes at end of table.

Table 787.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1973-77—Continued

Product	1973	1974	1975	1976	Transition quarter 1	1977 2
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Vegetable products—Continued</b>						
<b>Fruits and preparations—Continued</b>						
Fruit juices	73,913	89,220	87,392	109,068	29,138	142,091
Grapefruit	11,192	10,431	10,231	12,372	2,786	18,899
Orange	46,688	66,436	85,763	71,369	18,348	96,183
Other	16,033	22,353	18,388	25,327	8,032	30,038
Frozen fruits	2,995	6,002	7,074	7,776	0,042	9,058
Other	4,144	5,972	8,057	8,800	2,162	10,132
Nuts and preparations	88,413	158,169	186,550	176,808	41,838	223,237
Almonds, shelled basis	50,888	99,711	101,460	95,898	28,735	125,347
Walnuts, not shelled basis	13,539	22,809	23,664	30,048	5,070	41,174
Other	24,266	35,649	31,426	41,562	8,033	56,716
Grains and preparations	5,272,200	10,332,227	10,942,218	11,296,628	2,858,249	9,274,996
Feed grains and products	2,346,392	4,684,025	4,812,898	5,641,293	3,776,478	5,360,886
Feed grains	2,311,597	4,642,862	4,762,479	5,597,718	1,366,006	8,345,299
Barley	98,299	210,317	140,642	63,041	36,703	204,776
Corn	1,880,902	3,719,092	3,988,480	4,835,327	1,126,976	4,500,494
Grain sorghum	318,088	631,127	616,308	678,133	193,383	630,293
Oats	17,357	82,326	17,089	21,214	8,974	9,737
Malt and flour, incl. barley malt	10,360	9,372	9,445	4,904	985	8,172
Corn grits and hominy	2,332	3,047	2,963	2,326	672	2,280
Corncornal	10,203	19,456	18,056	17,422	4,803	16,012
Cornstarch	7,112	11,585	10,069	15,031	3,640	18,795
Oatmeal and groats	1,111	1,477	1,080	2,872	419	2,858
Oatmeal and oats, rolled, etc.	3,687	1,245	2,804	1,062	270	1,469
Rice	436,617	782,282	1,002,185	540,751	186,017	688,678
Milled	295,495	697,502	753,092	404,493	130,399	617,875
Husked, brown	141,024	64,780	249,092	136,258	65,618	70,803
Eye	16,176	63,803	11,648	2,334	27	69
Wheat and products	2,387,019	4,737,641	5,000,365	4,976,293	1,271,218	3,054,330
Wheat	2,254,043	4,555,252	4,797,018	4,803,431	1,197,125	2,825,390
Wheat flour	91,138	138,996	147,667	131,031	60,766	177,744
Other wheat products	41,841	43,403	56,183	41,831	13,324	81,195
Bakery products	8,757	12,937	18,518	22,147	4,437	25,613
Blended food products	88,581	81,029	80,023	81,675	9,279	58,350
Other	15,888	29,110	46,077	61,235	9,906	57,070
Feeds and fodders, excl. oil cake and meal	217,240	279,648	288,272	345,188	111,112	620,431
Corn byproducts, feed	70,784	91,962	85,841	127,862	35,246	231,620
Alfalfa meal, dehydrated	8,988	12,496	9,596	8,007	9,167	23,246
Alfalfa meal, sun-cured	8,711	14,950	12,908	8,092	4,657	21,162
Alfalfa hay cubes	2,031	4,213	8,299	6,244	5,155	16,713
Poultry feeds, prepared	24,270	32,951	32,077	38,827	15,029	88,399
Other	102,496	123,106	129,851	156,166	41,858	279,091
Oilseeds and products	3,506,968	5,224,505	4,852,320	4,642,270	870,422	6,403,648
Oilseed cake and meal	721,414	1,134,948	731,994	774,034	212,687	965,179
Soybean oilseed cake and meal	692,283	1,065,295	692,807	739,698	202,390	933,370
Other	29,131	69,743	39,187	34,336	10,296	31,810
Oilseeds	2,468,201	3,325,113	3,211,748	3,340,912	518,463	4,642,611
Flaxseed	27,344	3,620	2,610	6,430	1,097	57
Soybeans	2,287,180	3,283,579	2,981,232	3,078,140	491,629	4,306,534
Safflower seed	5,239	8,016	11,488	18,101	71	8,049
Peanuts	80,039	128,720	145,578	140,792	8,627	180,267
Other	89,379	131,138	102,540	135,530	17,039	147,684
Vegetable oils and waxes	317,383	564,442	908,578	837,324	131,244	766,467
Cottonseed oil	77,681	128,641	212,480	181,019	14,948	179,221
Soybean oil	144,296	298,539	490,074	174,907	63,589	413,070
Peanut oil	18,804	17,742	15,088	39,938	12,492	26,318
Other	78,602	119,620	190,927	161,460	40,215	147,838
Tobacco, unmanufactured	639,648	814,029	910,088	917,260	173,026	1,084,663
Burley	62,481	80,723	92,345	128,880	21,714	166,026
Cigar wrapper	18,907	11,763	19,901	24,221	2,900	24,354
Dark-fired Kentucky and Tennessee	13,941	14,839	16,743	20,919	3,769	32,343
Flue-cured	490,721	618,468	687,762	683,770	124,123	780,115
Maryland	10,442	9,719	12,589	7,193	6,130	17,017
Bulk smoking tobacco	25,795	44,148	49,022	16,727	4,132	19,347
Vegetables and preparations	20,391	24,369	31,666	35,550	10,249	45,561
Canned	295,981	407,099	549,324	856,029	138,144	697,161
Asparagus	25,799	80,793	86,277	60,411	13,985	76,187
Corn	1,422	1,628	1,892	1,322	385	1,428
Corn	4,868	11,706	11,922	15,853	3,507	16,194
Soups	5,876	7,911	6,330	7,434	1,991	9,763
Tomatoes, tomato sauce and puree	6,838	17,847	22,703	18,762	2,947	18,084
Other	6,800	11,701	13,430	17,340	4,567	30,719
Pulses	63,576	101,818	194,198	88,343	20,109	113,348
Dried beans	35,190	64,333	139,810	50,308	11,692	70,064
Dried peas, incl. cowpeas and chickpeas	17,673	26,090	33,115	22,005	5,091	28,086
Dried lentils	10,812	10,495	21,272	16,030	3,326	17,996

See footnotes at end of table.

Table 787.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1973-77—Continued

Product	1973	1974	1975	1976	Transition quarter <sup>1</sup>	1977 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Vegetable products—Continued</b>						
<b>Vegetables and preparations—Continued</b>						
Fresh.....	110,732	108,386	144,479	300,543	41,056	244,537
Asparagus.....	3,713	4,060	4,189	4,401	95	4,513
Lettuce.....	23,797	20,908	25,930	29,949	4,977	32,638
Onions.....	10,553	16,522	14,504	20,494	4,244	30,943
Potatoes, except sweetpotatoes.....	16,896	22,784	19,799	55,473	13,812	68,481
Tomatoes.....	18,996	22,328	29,518	30,700	7,793	28,548
Other.....	38,775	38,793	50,536	86,825	10,133	79,718
Frozen vegetables.....	6,229	14,425	15,173	22,398	6,948	36,235
Hops, including extract.....	26,979	26,603	25,696	29,379	2,915	29,611
Soups and vegetables, dehydrated.....	18,661	25,400	31,963	61,957	5,653	101,716
Tomato juice, canned.....	2,450	3,014	3,887	5,637	1,640	7,715
Vegetable seasonings.....	18,245	19,406	19,545	22,807	5,870	26,132
Other.....	27,710	40,245	58,084	68,124	25,525	61,680
<b>Other vegetable products.....</b>	<b>316,010</b>	<b>417,796</b>	<b>499,492</b>	<b>582,071</b>	<b>122,297</b>	<b>721,437</b>
Coffee.....	32,302	41,231	39,639	63,398	12,406	98,991
Drugs, herbs, roots, etc.....	14,263	17,684	19,288	22,902	4,894	30,818
Essential oils and resinoids.....	43,068	64,703	59,889	63,420	15,975	87,206
Flavoring sirups, sugars, extracts.....	56,135	58,990	60,743	75,921	30,165	108,305
Honey.....	3,371	6,066	2,162	2,530	1,207	5,381
Nursery stock.....	12,779	14,882	19,339	28,113	6,686	41,734
Seeds, except oilseeds.....	77,424	107,182	115,962	124,461	21,244	167,564
Spices.....	6,156	8,745	8,967	10,368	2,543	14,612
Other.....	70,510	100,313	173,513	190,758	38,173	168,826

<sup>1</sup> Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977. The transition quarter is from July 1, 1976 to Sept. 30, 1976.<sup>2</sup> Preliminary.<sup>3</sup> Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 788.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1973-77<sup>1</sup>

Product	1973	1974	1975	1976	Transition quarter <sup>1</sup>	1977 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>All commodities.....</b>	<b>61,388,722</b>	<b>82,503,020</b>	<b>101,060,420</b>	<b>105,881,197</b>	<b>31,067,600</b>	<b>141,614,032</b>
<b>Nonagricultural commodities.....</b>	<b>54,064,278</b>	<b>72,954,403</b>	<b>91,481,586</b>	<b>95,774,373</b>	<b>28,864,333</b>	<b>128,232,096</b>
<b>Agricultural commodities.....</b>	<b>7,324,444</b>	<b>9,548,617</b>	<b>9,578,834</b>	<b>10,106,824</b>	<b>2,803,267</b>	<b>13,381,936</b>
<b>Supplementary<sup>3</sup>.....</b>	<b>4,707,339</b>	<b>6,271,980</b>	<b>6,820,520</b>	<b>6,289,086</b>	<b>1,590,144</b>	<b>6,378,554</b>
<b>Animals and animal products.....</b>	<b>2,081,284</b>	<b>2,796,633</b>	<b>1,697,229</b>	<b>2,300,344</b>	<b>582,839</b>	<b>2,310,097</b>
Animals, live.....	218,743	219,336	95,807	202,543	33,181	238,517
Baby chicks.....	1,541	1,458	1,950	2,476	632	2,470
Cattle, draftable.....	185,031	177,738	44,146	130,751	19,775	167,198
Cattle for breeding, free.....	10,521	11,250	6,104	6,624	2,087	6,243
Horses.....	11,368	14,027	35,344	54,395	8,829	56,326
Other.....	7,282	14,663	8,263	8,297	1,830	6,282
<b>Dairy products.....</b>	<b>195,542</b>	<b>455,456</b>	<b>208,540</b>	<b>243,800</b>	<b>67,191</b>	<b>301,365</b>
Cheese.....	118,741	234,637	154,731	186,373	51,839	222,168
Blue mold, incl. roquefort.....	6,781	8,061	6,528	8,298	2,481	8,586
Cheddar.....	9,161	73,240	6,287	7,043	313	8,263
Colby.....	302	561	85	41	6	4,181
Edam and gouda.....	6,939	7,784	9,248	10,299	2,416	11,140
Romano, reggiano, parmesan.....	5,893	6,443	5,156	9,288	3,262	10,661
Pecorino.....	14,661	15,516	20,504	18,119	4,165	25,814
Swiss.....	23,074	58,182	53,053	66,581	25,337	83,006
Other.....	41,930	64,770	53,890	66,505	13,859	70,517
Butter.....	516	30,515	336	449	83	403
Casein and mixtures.....	44,568	62,754	45,629	47,042	14,358	68,989
Ice cream.....	0	0	0	0	0	1,064
Other.....	31,779	127,280	7,944	9,936	911	8,801
<b>Hides and skins, incl. fur skins.....</b>	<b>150,145</b>	<b>155,342</b>	<b>141,073</b>	<b>196,044</b>	<b>39,956</b>	<b>211,640</b>
Calf and kip skins.....	2,261	3,985	1,715	1,321	193	748
Cattle hides.....	8,753	12,041	6,437	17,038	4,579	18,668
Goat and kid skins.....	6,105	1,618	1,957	3,059	522	3,532
Sheep and lamb skins.....	53,214	48,423	54,114	66,786	17,637	65,987
Fur skins.....	70,496	79,915	71,055	101,240	15,341	117,947
Other.....	9,315	9,380	5,797	6,500	1,664	6,758

See footnotes at end of table.



Table 788.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1973-77 —Continued

Product	1973	1974	1975	1976	Transition quarter <sup>1</sup>	1977 <sup>2</sup>
Supplementary <sup>1</sup> —Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Animals and animal products—Continued						
Meats and meat preparations—	1,960,915	1,784,479	1,052,807	1,370,856	398,590	1,299,144
Beef and veal—	964,671	1,237,520	656,169	828,992	261,315	829,323
Canned—	55,773	102,396	87,093	67,975	27,909	78,589
Fresh or frozen—	864,635	1,082,274	570,367	725,486	201,912	688,362
Prepared or preserved—	44,282	72,850	28,709	45,831	31,493	53,874
Mutton, goat, and lamb—	26,866	20,733	11,361	20,065	6,699	16,449
Pork—	341,610	457,836	360,394	484,791	100,740	428,224
Fresh or frozen—	32,379	40,423	36,895	22,680	4,013	15,753
Hams and shoulders, canned, cooked, etc—	288,260	399,894	314,567	438,862	90,773	389,798
Other—	30,971	37,519	18,932	23,245	8,954	22,675
Other meat products—	27,768	38,390	24,883	27,007	7,817	23,646
Poultry products—	5,637	7,610	5,906	3,493	1,258	5,366
Eggs, dried and otherwise preserved—	33	46	41	71	31	81
Eggs in the shell—	4,500	5,976	4,879	1,975	745	6,141
Poultry meat—	1,104	1,788	986	1,447	482	2,144
Other animal products—	183,301	174,190	193,094	180,608	54,711	260,975
Beeswax—	1,472	3,017	4,546	2,692	1,348	4,194
Bones, hoofs, and horns—	4,880	3,969	8,074	3,900	881	2,840
Bristles, crude or prepared—	11,803	14,857	7,610	6,228	3,241	12,633
Fats, oils, and greases—	2,539	6,916	10,927	6,498	1,240	5,001
Feathers and down, crude, sorted—	34,249	16,990	13,864	23,159	11,551	69,564
Gelatin—	16,176	26,274	43,932	29,842	5,841	34,182
Hair, unmanufactured—	6,780	6,568	4,812	3,079	1,386	5,923
Rawhide casings—	27,082	31,637	36,593	34,622	10,166	41,480
Osein—	5,721	4,637	10,909	7,652	1,337	6,555
Rennet—	3,147	3,741	3,081	992	78	165
Wool, unmanufactured, excl. free in bond—	37,495	27,885	10,737	83,792	14,434	66,221
Other—	1,987	27,289	29,019	11,192	3,414	10,717
Vegetable products—	2,626,055	3,475,356	5,123,291	4,088,742	1,033,305	4,268,546
Cotton, unmanufactured—	6,728	18,264	15,825	27,737	4,683	17,453
Cotton, raw—	5,525	15,306	11,266	25,465	3,927	15,531
Linters—	1,203	2,958	2,559	2,272	756	3,922
Fruits and preparations—	208,873	228,857	246,167	256,094	60,395	372,546
Apples, fresh—	11,997	12,302	10,600	15,311	781	14,038
Apple and pear juices—	7,996	14,354	9,839	9,314	4,551	23,990
Blueberries—	5,018	6,069	2,090	4,011	2,093	8,486
Strawberries—	30,462	34,790	31,236	31,218	3,892	32,783
Other berries—	3,658	4,482	5,019	4,694	1,601	12,175
Cherries—	3,340	2,123	1,648	1,104	370	688
Dates—	3,851	4,040	4,403	7,423	87	8,630
Figs—	910	1,248	1,083	1,479	29	5,076
Grapes—	6,175	6,898	10,987	11,005	592	15,733
Melons—	16,747	19,423	20,432	25,080	833	31,788
Oranges, mandarin, canned—	20,589	21,559	31,418	21,086	5,569	25,718
Oranges, fresh—	8,433	8,713	7,968	6,309	320	12,366
Orange juice, concentrated—	8,812	9,618	10,049	11,251	1,781	14,203
Pears, fresh—	4,704	2,859	2,955	3,782	269	1,904
Pears, prepared or preserved—	839	83	133	145	3	39
Pineapple, canned, prepared, or pre- served—	29,165	28,980	89,820	67,690	23,775	85,487
Pineapple juice—	2,278	2,405	3,975	4,037	1,124	8,196
Jellies and jams—	3,353	3,641	4,768	4,000	1,233	4,674
Other—	37,515	45,273	39,752	38,915	11,692	68,972
Nuts and preparations—	133,453	160,338	135,146	171,615	57,049	213,787
Almonds—	327	136	87	379	145	1,564
Brazil nuts—	12,259	12,071	11,282	13,186	5,398	16,642
Cashew nuts—	72,994	78,465	69,679	92,037	34,883	112,267
Chestnuts—	3,530	4,641	3,601	3,143	82	4,188
Coconut meat, fresh or prepared—	10,832	29,732	28,171	19,123	5,496	26,496
Filberts—	4,225	8,481	2,590	6,809	1,086	10,037
Pistachio nuts—	24,230	23,481	15,582	32,010	8,551	28,034
Walnuts—	913	230	28	100	15	87
Other—	2,834	3,179	3,742	5,056	1,191	10,482
Grains and preparations—	104,485	134,425	178,616	181,236	42,772	171,655
Barley—	21,060	26,458	69,039	53,181	9,349	25,066
Barley malt—	1,590	3,184	9,293	13,872	2,640	10,472
Corn—	1,880	2,767	4,719	5,431	1,080	7,638
Oats—	2,208	351	485	792	181	3,654
Rice—	2,742	2,132	784	821	119	714
Rye—	166	7	695	2,505	699	428
Wheat—	24	11,104	3,235	3,024	0	3,282

See footnotes at end of table.



Table 788.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1973-77 —Continued

Product	1973	1974	1975	1976	Transition quarter <sup>1</sup>	1977 <sup>2</sup>
Supplementary <sup>3</sup> —Continued						
Vegetable products—Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Grains and preparations—Continued						
Wheat flour.....	198	881	2,829	816	42	121
Wheat gluten.....	8,707	8,681	10,562	13,229	4,692	24,093
Biscuits, cakes, wafers, etc.....	41,275	45,022	46,887	50,445	14,420	56,535
Bread crumbs.....	3,832	6,261	5,955	7,480	3,417	6,927
Bread, yeast-leavened.....	1,330	1,515	1,558	1,821	513	1,587
Macaroni, spaghetti, etc.....	9,459	13,730	16,643	19,333	5,019	30,187
Other.....	10,008	12,312	7,182	9,286	1,751	7,983
Oilbearing materials and products.....	224,027	421,458	654,117	535,905	130,589	639,328
Oilseed cake and meal.....	2,192	2,226	724	2,582	2,050	4,957
Oilseeds and oil nuts.....	51,137	83,951	54,317	60,872	20,653	99,305
Copra.....	33,453	37,303	0	0	0	0
Sesame seed.....	9,662	15,299	15,784	17,862	4,943	20,432
Other.....	8,022	31,359	38,463	43,010	15,740	68,732
Vegetable oils and wastes.....	170,668	335,271	599,175	472,451	107,555	545,004
Carnauba.....	3,993	8,360	6,527	5,762	1,202	4,830
Castor oil.....	25,076	52,260	24,940	22,990	10,355	43,301
Coconut oil.....	55,643	128,128	275,502	171,517	46,946	254,485
Olives oil, edible.....	26,704	32,343	41,170	40,782	6,818	33,124
Palm oil.....	35,182	54,069	157,811	179,953	25,980	131,588
Palm kernel oil.....	10,497	30,520	56,723	29,529	8,139	42,022
Tung oil.....	2,617	3,499	7,237	7,713	3,595	11,815
Other.....	7,956	26,053	29,455	14,205	3,020	23,539
Sugar and related products.....	843,209	1,396,163	2,763,099	1,629,642	204,820	1,104,735
Sugar, cane or beet.....	926,666	1,317,095	2,554,203	1,425,069	243,768	915,696
Molasses, inedible.....	69,526	119,526	110,421	85,814	23,506	60,360
Maple sugar and sirup.....	6,780	6,487	5,240	6,590	1,000	7,726
Confectionery products.....	31,473	41,940	65,639	73,562	15,573	58,930
Honey.....	5,370	6,331	15,335	16,871	8,441	16,772
Other.....	3,394	4,782	12,261	11,767	1,553	12,251
Vegetables and preparations.....	469,519	388,766	376,285	412,100	92,739	616,123
Fresh or frozen:						
Beans.....	2,342	1,951	1,137	1,391	61	2,203
Carrots.....	2,498	2,029	3,429	3,456	321	4,978
Cucumbers.....	16,633	9,063	5,926	11,549	48	15,775
Daubeens.....	2,549	2,844	3,213	3,894	1,176	3,257
Eggplant.....	4,388	1,724	1,221	1,650	21	3,108
Garlic.....	5,550	6,535	6,270	6,251	709	6,423
Onions.....	11,493	8,576	7,689	7,906	804	12,304
Peas.....	2,704	2,962	2,373	2,285	405	4,883
Peppers.....	16,472	10,317	7,793	11,778	750	21,218
Potatoes, white or Irish.....	1,729	6,004	3,582	1,418	20	2,364
Squash.....	5,263	2,369	1,919	2,798	11	4,204
Tomatoes.....	113,494	66,238	61,886	67,610	3,676	148,051
Turnips or rutabagas.....	4,999	4,563	5,470	5,078	919	6,164
Other.....	29,538	13,618	16,749	18,900	4,316	29,167
Prepared or preserved:						
Canava, flour, starch, and tapioca.....	4,672	7,735	9,540	7,051	1,922	7,968
Hops.....	12,619	16,784	17,410	17,259	37	15,559
Mushrooms, ind. dried.....	35,830	35,099	41,696	50,604	25,641	66,584
Olives, in brine.....	52,118	53,008	56,254	65,239	18,303	74,570
Onions.....	2,240	2,721	3,547	3,770	800	4,287
Peas, excl. dried.....	2,702	2,811	3,870	4,758	585	4,404
Pickled vegetables.....	0	1	2	1	0	1
Tomatoes.....	14,022	12,489	12,460	11,459	4,861	30,842
Tomato paste and sauce.....	19,740	17,551	9,764	7,857	2,773	15,282
Other.....	53,528	86,824	98,072	94,242	24,312	129,948
Other vegetable products.....	595,961	717,085	754,034	874,412	236,258	1,132,851
Broccoli.....	7,988	8,761	10,971	14,648	5,619	11,642
Cut flowers.....	6,426	17,925	19,714	21,353	5,967	34,448
Essential or distilled oils.....	5,630	5,873	7,024	4,614	1,387	6,138
Feeds and fodders, excl. oil cake and meal.....	46,185	51,297	46,511	48,843	15,785	63,259
Flavoring extracts.....	7,879	9,871	10,613	10,547	3,252	15,887
Jute and jute butts, unmanufactured.....	4,766	5,039	4,726	3,699	760	3,526
Seeds, except oilseeds.....	31,672	36,578	43,952	42,522	6,017	43,294
Nursery and greenhouse stock.....	30,365	29,203	34,962	36,074	15,207	45,688
Malt liquors.....	41,783	58,674	80,941	109,728	42,851	160,752
Spices.....	9,707	19,139	16,571	14,982	2,150	15,551
Wines.....	250,445	278,925	245,141	292,932	75,471	384,423
Tobacco, unmanufactured.....	153,518	189,905	228,491	263,803	75,465	338,957
Other.....	12,625	6,195	6,387	7,387	2,217	9,686

See footnotes at end of table.

Table 788.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1973-77<sup>1</sup>—Continued

Product	1973	1974	1975	1976	Transition quarter <sup>2</sup>	1977 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Complementary <sup>4</sup> .....	2,617,104	3,276,628	2,758,313	3,817,738	1,307,123	6,803,383
Bananas.....	193,195	197,571	300,796	256,621	68,746	309,704
Plantains.....	4,968	6,387	6,058	7,546	2,015	9,175
Coffee, green.....	1,485,319	1,691,741	1,234,686	2,023,890	677,594	3,974,216
Coffee extracts, essences, concentrates.....	101,763	111,807	91,468	133,844	41,035	313,502
Cacao beans.....	191,284	288,845	281,847	347,688	91,217	475,229
Cocoa butter.....	29,084	40,227	52,123	64,876	20,998	85,491
Cocoa and chocolate preparations.....	61,061	79,783	97,970	119,422	39,739	308,525
Drugs, herbs, roots, etc.....	29,761	47,240	75,728	95,262	32,759	133,357
Essential or distilled oils.....	42,251	75,629	65,976	82,668	18,437	79,149
Fibers, unmanufactured.....	18,965	25,262	47,611	19,235	6,643	28,279
Rubber, crude, natural:						
Rubber, dry form.....	200,643	446,082	350,813	401,932	122,625	570,572
Rubber, latex.....	28,161	37,426	57,535	35,758	11,428	50,838
Silk, raw.....	7,149	4,848	3,882	8,895	1,847	3,614
Spices:						
Pepper, unground, black.....	23,375	28,210	32,062	37,424	10,500	51,683
Vanilla beans.....	10,989	12,718	11,398	11,612	3,696	28,533
Other.....	28,837	45,659	39,252	43,320	10,559	52,683
Tea.....	64,541	74,033	86,419	83,636	24,527	178,058
Wool, unmanufactured, free in bond.....	51,099	31,786	12,621	18,915	6,228	26,213
Other.....	44,558	31,434	40,068	58,205	16,530	116,591

<sup>1</sup> Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977. The transition quarter is from July 1, 1976 to Sept. 30, 1976.

<sup>2</sup> Preliminary.

<sup>3</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 789.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974-77<sup>1</sup>

Commodity	1974	1975	1976	Transition quarter <sup>2</sup>	1977 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
VARIABLE-LEVY COMMODITIES <sup>4</sup> .....					
Feed grains.....	1,240,152	1,534,470	1,610,090	515,561	1,959,057
Corn.....	1,120,627	1,459,376	1,449,481	467,675	1,839,307
Sorghum grain.....	66,087	69,286	139,569	17,870	55,554
Barley.....	21,530	2,620	13,813	21,317	88,998
Oats.....	41,908	3,188	7,287	8,700	5,198
Corn byproducts.....	3,723	1,845	12,843	4,835	31,029
Rice.....	78,281	88,728	74,611	11,442	86,892
Rye grain.....	747	3,809	944	0	0
Wheat grain.....	221,469	284,803	433,436	111,965	126,869
Wheat flour.....	1,077	845	552	119	488
Beef and veal, excluding variety meats.....	2,770	2,882	4,497	879	7,889
Pork, excluding variety meats.....	587	2,404	611	34	1,301
Lard <sup>5</sup> .....	18,914	7,479	5,435	384	16,190
Dairy products.....	272	4,924	6,283	42	408
Poultry and eggs.....	28,346	20,840	35,500	5,381	24,938
Live poultry.....	1,599	1,636	1,488	370	1,769
Broilers and fryers.....	1,080	572	1,994	368	3,548
Stewing chickens.....	24	38	54	0	163
Turkeys.....	19,902	15,110	28,338	3,877	15,135
Other fresh poultry.....	588	78	78	7	164
Eggs.....	5,153	3,406	3,550	715	4,388
Other.....	29,231	42,169	36,129	9,416	58,999
Total.....	1,623,539	1,945,198	2,220,901	660,088	2,313,750

See footnotes at end of table.

Table 789.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974-77<sup>1</sup>—Continued

Commodity	1974	1975	1976	Transition quarter <sup>2</sup>	1977 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>NONVARIABLE-LEVY COMMODITIES</b>					
Canned poultry <sup>4</sup>	265	426	463	183	829
Cotton, excluding linters	104,980	92,898	32,837	9,838	96,618
Fruits and preparations	125,586	121,992	182,640	37,690	149,944
Fresh fruits	20,949	53,327	62,565	11,317	84,430
Citrus	25,083	45,795	54,285	10,720	47,316
Oranges and tangerines	8,451	21,996	23,307	6,277	17,135
Lemons and limes	11,854	15,823	12,890	3,033	12,823
Grapefruit	4,678	8,215	18,325	1,379	17,430
Other	70	83	83	31	123
Apples	407	2,683	1,694	11	1,869
Grapes	1,294	1,000	2,018	0	328
Other	3,195	3,840	4,568	586	4,916
Dried fruits	62,494	28,606	45,016	9,212	39,554
Raisins	15,530	13,439	13,096	4,181	12,846
Prunes	24,717	12,868	26,873	3,304	21,797
Other	2,247	2,369	6,348	1,727	4,911
Fruit juices	17,710	14,568	21,484	7,247	29,161
Orange	11,826	10,107	14,496	8,269	20,437
Grapefruit	2,783	1,687	2,783	769	3,943
Other	3,401	2,804	4,175	1,269	4,681
Canned fruits <sup>5</sup>	31,467	19,173	19,474	5,932	19,575
Peaches	8,939	3,976	4,600	1,450	5,399
Fruit cocktail	10,143	3,582	2,819	419	2,638
Pineapple	6,686	5,994	8,949	2,084	5,797
Other	5,699	5,621	6,496	1,978	8,743
Other fruits	3,956	4,318	4,131	3,883	7,223
Vegetables and preparations	76,633	81,205	112,584	25,737	182,458
Pulse	49,782	80,113	32,139	7,882	35,773
Dried beans	36,776	31,610	22,780	5,898	25,670
Dried peas	13,006	18,502	9,389	1,984	10,103
Fresh vegetables	2,702	3,327	16,923	3,971	44,288
Canned vegetables	4,944	7,216	8,922	2,102	18,776
Asparagus	728	878	600	219	821
Other	4,216	6,338	8,322	1,883	18,285
Hops, including extracts	2,783	1,891	2,731	91	2,852
Other vegetables and preparations	16,432	18,459	51,837	11,691	83,798
Hides and skins	96,020	92,610	134,153	26,297	302,396
Cattle hides, whole	17,613	20,478	35,278	15,954	73,941
Calf and kip skins	1,812	1,983	2,428	700	2,480
Other	76,595	70,149	96,449	9,643	126,074
Oilseeds and products	2,324,939	2,024,883	2,134,578	272,617	2,712,211
Oilseed cake and meal	844,661	808,325	2,489,947	90,042	821,045
Soybeans	605,984	684,058	487,846	82,555	601,636
Other	38,677	22,267	22,101	7,487	19,410
Oilseeds	1,626,147	1,420,097	1,575,906	170,376	2,133,271
Soybeans	1,519,651	1,313,074	1,476,655	164,962	1,982,735
Flaxseed	277	2,487	4,403	1,083	44
Other	106,219	104,536	94,848	4,330	150,492
Vegetable oils	61,700	95,283	90,286	9,830	47,702
Cottonseed	12,631	9,829	18,620	538	12,225
Soybean	2,502	4,125	237	1	1,080
Linseed	12,738	42,820	6,299	725	2,432
Other	23,829	38,509	38,130	8,270	31,994
Tallow	84,135	67,449	84,337	21,129	133,284
Tobacco, unmanufactured	388,346	398,357	361,785	86,890	421,140
Variety meats, fresh or frozen <sup>6</sup>	93,945	80,042	89,938	23,273	119,786
Nuts and preparations	72,868	83,278	89,141	21,671	104,628
Corn gluten feed	84,798	77,693	109,984	29,636	162,757
Food for relief and charity	56	134	1,707	10	126
Other	231,471	226,464	269,382	77,613	479,152
Total	3,683,722	3,350,409	3,643,398	632,370	4,784,979
Total European Community	5,309,261	5,315,607	5,764,299	810,034	7,098,739

<sup>1</sup> Fiscal years July 1-June 30 for 1974-76; Oct. 1-Sept. 30 for 1977. The transition quarter is from July 1, 1976 to Sept. 30, 1976.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Preliminary.<sup>4</sup> Grains, poultry, and pork were subject to variable levies beginning on July 30, 1962; rice on Sept. 1, 1964; and beef and dairy products on Nov. 1, 1964.<sup>5</sup> Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.<sup>6</sup> Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>7</sup> Variable levy on sugar-added content.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 790.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1975-77<sup>1</sup>

Country <sup>2</sup>	1975			1976			1977		
	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan.....	3,184.7	0	3,184.7	3,300.8	0	3,300.8	3,773.5	0	3,773.5
Netherlands.....	1,631.1	0	1,631.1	1,755.1	0	1,755.1	2,178.8	0	2,178.8
Germany, Fed. Rep. of.....	1,447.8	0	1,447.8	1,618.1	0	1,618.1	1,933.0	0	1,933.0
Canada.....	1,284.5	0	1,284.5	1,400.2	0	1,400.2	1,586.3	0	1,586.3
Soviet Union.....	396.5	0	396.5	1,883.5	0	1,883.5	1,063.4	0	1,063.4
Korea, Rep. of.....	855.0	78.2	806.8	722.4	61.2	661.2	919.0	72.1	846.9
United Kingdom.....	853.8	0	853.8	947.1	0	947.1	913.1	0	913.1
Italy.....	804.1	0	804.1	799.8	0	799.8	835.2	0	835.2
China, Rep. of.....	410.8	0	410.8	582.0	0	582.0	612.3	0	612.3
Mexico.....	851.5	0	851.5	403.7	0	403.7	605.4	0	605.4
Spain.....	790.2	0	790.2	655.0	0	655.0	595.0	0	595.0
Egypt.....	387.8	88.8	299.0	404.7	185.0	219.7	563.5	300.3	263.2
Belgium-Luxembourg.....	282.9	0	282.9	375.0	0	375.0	535.7	0	535.7
France.....	445.0	0	445.0	408.1	0	408.1	473.8	0	473.8
Iran.....	787.2	0	787.2	148.3	0	148.3	452.9	0	452.9
India.....	758.5	214.7	543.8	739.0	92.7	646.3	415.1	140.9	274.2
Portugal.....	278.0	0	278.0	233.9	11.4	222.5	373.8	61.4	312.4
Israel.....	288.7	95.9	192.8	291.2	182.2	109.0	313.2	341.0	-28.8
Poland.....	249.7	0	249.7	447.3	0	447.3	311.8	0	311.8
Venezuela.....	295.8	0	295.8	271.2	0	271.2	305.2	0	305.2
Hong Kong.....	138.4	0	138.4	158.9	0	158.9	278.7	0	278.7
Switzerland.....	163.8	0	163.8	138.3	0	138.3	241.1	0	241.1
Indonesia.....	71.8	12.7	59.1	178.5	42.9	135.6	238.9	181.8	107.1
Nigeria.....	78.6	1.4	77.2	112.4	3	112.1	231.7	0	231.7
Denmark.....	88.0	1	87.0	135.2	0	135.2	192.2	0	192.2
Philippines.....	130.3	10.4	119.9	188.6	15.8	173.2	180.3	48.9	131.4
Greece.....	122.0	0	122.0	121.1	0	121.1	180.1	0	180.1
Saudi Arabia.....	123.6	0	123.6	149.9	0	149.9	145.7	0	145.7
Peru.....	200.3	5.7	194.6	144.1	5.5	138.7	126.4	4.7	131.7
Colombia.....	106.1	11.3	94.8	86.1	6.6	79.5	124.6	4.8	119.8
Thailand.....	81.9	0	81.9	70.8	0	70.8	123.4	0	123.4
Norway.....	108.9	0	108.9	101.9	0	101.9	120.0	0	120.0
Romania.....	154.7	0	154.7	80.7	0	80.7	118.0	4	117.6
Pakistan.....	163.9	100.4	63.5	148.7	106.4	42.3	116.1	51.6	64.5
Bangladesh.....	279.5	211.1	68.4	215.9	188.2	27.8	108.2	66.5	41.7
Algeria.....	165.3	4.0	161.3	175.2	4.0	171.3	105.8	5.3	100.5
Dominican Republic.....	90.3	5.8	84.5	115.7	8.5	107.2	101.9	9.2	92.7
Sweden.....	88.5	0	88.5	96.6	0	96.6	101.0	0	101.0
Chile.....	118.9	52.2	66.7	87.1	57.7	29.4	94.9	17.1	77.8
Australia.....	82.3	0	82.3	70.0	0	70.0	93.5	0	93.5
Czechoslovakia.....	33.2	0	33.2	49.1	0	49.1	88.1	0	88.1
Brazil.....	137.5	7.5	130.1	430.0	4	429.6	87.2	1.0	86.2
Jamaica.....	75.6	2	73.4	75.0	1.3	73.8	80.5	2.0	77.7
Ecuador.....	53.7	3.4	50.3	66.7	1.4	65.3	73.2	1.1	72.1
Morocco.....	107.7	16.6	91.1	79.8	11.3	68.5	70.1	24.7	45.4
Singapore.....	37.0	0	37.0	48.2	1	48.1	65.1	( <sup>5</sup> )	65.1
Iraq.....	124.1	0	124.1	70.9	0	70.9	61.6	0	61.6
South Africa.....	62.6	0	62.6	85.9	0	85.9	58.6	0	58.6
Yugoslavia.....	61.1	0	61.1	33.8	0	33.8	52.0	0	52.0
Haiti.....	31.9	5.5	26.3	35.7	8.8	29.9	49.5	19.5	30.0
Other countries.....	2,299.4	297.6	2,001.8	1,565.4	107.3	1,458.1	1,570.1	215.1	1,355.0
Total.....	21,578.3	1,223.5	20,354.8	22,146.9	1,946.6	21,100.4	24,013.4	1,531.2	22,482.2

<sup>1</sup> Fiscal years July 1-June 30 for 1975 and 1976; Oct. 1-Sept. 30 for 1977. Data for transition quarter July 1-Sept. 30, 1978, are as follows (million dollars): Total agricultural exports, 5,535.1; under specified Government-financed programs, 823.6; outside specified Government-financed programs, 4,711.5.

<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.

<sup>3</sup> Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes the Foreign Assistance Act of 1961, as amended.

<sup>4</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter of overruns procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, and (3) sales of Government-owned commodities at less than domestic market prices.

<sup>5</sup> Less than \$50,000.

Economics, Statistics, and Cooperatives Service—Economics.

Table 791.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1975-77<sup>1</sup>

Country	1975			1976			1977		
	Total	Complementary <sup>2</sup>	Supplementary <sup>3</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>3</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>3</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Brazil.....	925.3	408.3	515.0	801.3	595.1	206.2	1,459.9	1,246.8	213.0
Mexico.....	583.6	112.8	470.8	633.0	292.3	370.7	1,014.5	454.0	560.5
Canada.....	469.0	31.9	437.1	579.4	35.7	543.7	645.5	63.4	582.1
Philippines.....	814.1	28.0	786.1	393.2	7.9	385.3	610.9	16.5	594.4
Indonesia.....	287.6	249.8	37.8	332.7	315.7	17.0	598.2	578.9	19.3
Colombia.....	331.6	242.5	89.1	472.7	388.0	84.7	571.4	522.1	49.3
Australia.....	368.2	1.2	367.0	600.0	1.1	598.9	499.6	1.3	498.3
Dominican Republic.....	906.0	62.8	843.2	369.6	114.3	255.3	457.7	224.0	233.7
El Salvador.....	137.5	79.3	58.2	141.3	93.0	48.3	356.4	328.5	27.9
Malaysia.....	294.5	137.9	156.6	333.3	189.0	144.3	351.3	205.3	146.0
Ivory Coast.....	91.3	88.5	2.8	185.6	183.9	2.7	338.1	337.0	1.1
Guatemala.....	170.3	97.8	72.5	211.4	102.0	109.4	334.7	221.4	113.2
Netherlands.....	234.1	29.1	205.0	258.5	33.9	225.6	314.6	83.7	230.9
New Zealand.....	231.1	9.7	221.4	248.8	12.7	236.1	304.0	18.7	285.3
Ecuador.....	165.4	124.1	41.3	176.5	150.5	26.0	295.8	283.4	12.4
France.....	191.3	35.7	155.6	222.7	45.2	177.5	293.6	67.7	225.9
Uganda.....	60.8	60.8	(*)	74.9	74.9	0	258.4	258.1	.3
Denmark.....	192.4	6.6	185.9	230.4	14.2	216.2	241.0	17.5	223.5
Costa Rica.....	163.6	81.8	81.8	185.6	117.1	71.5	240.6	183.9	57.7
Italy.....	146.5	5.9	140.6	169.1	4.7	164.4	197.4	4.9	192.5
Germany, Fed. Rep. of.....	126.7	18.3	108.4	128.6	22.0	106.6	194.3	40.5	153.8
Spain.....	156.9	12.0	144.9	164.7	10.1	154.6	183.3	18.5	164.8
India.....	112.2	41.1	71.1	218.0	53.8	164.2	180.8	114.0	66.8
Honduras.....	79.7	54.6	25.1	139.8	95.1	41.7	177.2	136.1	41.1
Peru.....	175.6	32.9	142.7	165.3	39.2	127.1	165.1	108.7	56.4
Argentina.....	164.3	3.6	160.7	176.8	4.5	172.3	182.3	10.7	171.6
Turkey.....	88.4	3.8	84.6	113.1	3.0	109.5	139.0	2.9	136.1
Poland.....	94.1	.8	93.3	136.3	.7	135.6	134.4	2.6	131.8
China, Rep. of.....	163.6	6.5	157.1	109.8	4.4	105.4	128.4	8.0	120.4
Zaire.....	23.2	19.6	3.6	19.6	19.3	.3	107.9	107.1	.8
Nicaragua.....	75.7	20.5	54.9	120.9	36.9	84.0	106.6	44.9	61.7
United Kingdom.....	99.6	29.2	70.4	96.2	25.9	70.3	100.5	28.1	72.4
Thailand.....	47.5	17.6	29.9	99.8	29.2	70.3	98.8	66.7	39.1
Ethiopia.....	32.0	23.5	8.5	82.6	79.7	2.9	91.8	90.2	1.6
Yugoslavia.....	49.6	2.2	47.4	72.1	2.3	69.8	87.5	1.5	86.7
Ghana.....	62.1	62.1	(*)	64.9	64.9	(*)	83.3	83.3	(*)
Japan.....	66.4	4.5	61.9	72.0	7.1	64.9	80.5	8.3	72.3
Madagascar.....	45.1	38.4	6.7	55.1	43.5	11.6	75.8	72.3	3.5
Kenya.....	32.1	30.0	2.1	36.2	34.8	1.4	74.6	71.9	2.7
China, People's Rep. of.....	25.0	9.2	15.8	38.4	15.1	23.3	71.7	19.8	51.9
Panama.....	70.8	13.8	57.0	48.9	12.1	36.8	70.0	43.3	26.7
Nigeria.....	39.1	32.9	6.2	52.6	49.3	3.4	69.9	65.7	4.2
Iran.....	50.9	5.9	45.0	74.6	6.5	68.1	68.8	6.4	62.4
Liberia.....	51.5	45.1	3.4	45.9	43.6	.3	66.9	66.4	.5
Tanzania.....	19.3	17.8	1.5	26.3	24.1	2.2	66.7	61.8	4.9
Papua New Guinea.....	35.4	34.2	1.2	32.7	32.2	.5	63.1	62.8	.3
South Africa.....	51.8	.8	51.0	67.2	1.6	65.6	61.3	3.0	58.3
Mozambique.....	35.0	3.2	31.8	33.2	1.8	31.4	57.7	3.4	54.3
Greece.....	41.6	2.2	39.4	39.5	1.8	37.7	54.6	2.5	52.1
Venezuela.....	22.0	15.4	6.6	33.9	49.9	4.0	52.4	50.6	1.8
Other countries.....	579.4	259.2	320.2	574.1	294.3	279.8	923.2	294.1	629.1
Total <sup>4</sup> .....	9,578.8	2,768.3	6,820.5	10,106.8	3,817.7	6,289.1	13,381.9	6,803.4	6,578.5

<sup>1</sup> Fiscal years July 1-June 30 for 1975 and 1976; Oct. 1-Sept. 30 for 1977. Data for transition quarter July 1-Sept. 30, 1976, are as follows (million dollars): Total agricultural imports, 2,803.2; complementary, 1,207.1; and supplementary, 1,596.2.

<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 792.—European Community: Value of agricultural imports by origin, 1963-76<sup>1</sup>

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1963.....	1,916	4,066	10,920	16,902
1964.....	2,214	4,550	11,304	18,068
1965.....	2,245	5,056	11,298	18,599
1966.....	2,476	5,323	11,689	19,488
1967.....	2,143	5,638	11,195	18,976
1968.....	2,113	6,197	10,638	19,148
1969.....	2,027	7,418	11,863	21,308
1970.....	2,487	8,255	12,583	23,325
1971.....	2,649	9,846	12,823	25,418
1972.....	2,956	12,500	14,801	30,257
1973.....	4,872	17,333	20,177	42,382
1974.....	5,773	20,374	21,787	47,934
1975.....	6,133	23,845	21,413	51,091
1976.....	6,660	24,964	24,332	55,956

<sup>1</sup> Based on data from the United Nations, Organization for Economic Cooperation and Development, and European Community.

<sup>2</sup> Data on calendar year basis.

Economics, Statistic, and Cooperatives Service—Economics.



Table 793.—Commodity futures: Volume and estimated value of futures trading for principal regulated commodities,<sup>1</sup> 1973-77<sup>2</sup>

Commodity	Unit	Volume of trading					Value of trading				
		1973	1974	/53	1976 <sup>3</sup>	1977 <sup>4</sup>	1973	1974	1975 <sup>5</sup>	1976 <sup>6</sup>	1977 <sup>7</sup>
Wheat.....	Million bushels.....	10,799	15,611	15,719	19,968	13,297	40,373	73,190	60,724	69,363	35,066
Corn.....	do.....	20,887	24,067	25,004	25,465	25,383	46,747	79,199	73,188	67,018	89,374
Oats.....	do.....	960	1,020	738	649	556	1,156	1,633	1,249	1,104	(*)
Sorghum grain.....	Million bushels.....	13,969	14,213	20,233	28,977	41,098	96,877	97,440	130,108	173,911	303,143
Soybeans.....	do.....	56,128	67,850	79,223	152,371	237,345	14,987	13,274	11,131	27,610	48,703
Soybean meal.....	1,000 tons.....	1,783,089	1,630,304	1,482,720	1,685,819	2,535,046	19,126	33,668	23,669	20,240	36,714
Soybean oil.....	60,000 pounds.....	12,742	16,873	5,702	961	82,640	204	515	74	15	27,190
Cocunut oil.....	do.....	45,047	39,438	82,510	92,554	82,640	13,434	11,025	13,170	34,872	(*)
Wool.....	1,000 bales.....	4,678	2,334	899	532	3	65	34	7	6	1,836
Eggs, shell.....	6,000 cartons.....	621	381	143	146	130	7,601	4,068	1,647	1,899	1,836
Potatoes.....	1,000 cartons.....	151,096	96,172	68,848	69,857	377,931	1,689	3,741	5,872	2,581	5,899
Orange juice, frozen concentrated.....	40,000 pounds.....	2,879,233	2,643,739	2,486,846	2,710,495	2,772,791	47,380	43,265	40,893	48,847	46,334
Hen's live.....	30,000 pounds.....	1,090,862	1,117,104	1,466,176	1,292,482	1,467,036	13,404	12,646	21,232	14,921	15,474
Pork, frozen bellies.....	36,000 pounds.....	1,150,369	734,514	1,443,464	1,201,066	1,386,720	24,243	14,131	36,611	66,630	26,618
Total.....	.....	.....	.....	.....	.....	.....	328,996	387,856	409,741	528,313	607,533

<sup>1</sup> Commodities covered by the Commodity Exchange Act prior to April 1975.<sup>2</sup> All figures are in thousands.<sup>3</sup> Data for 1975, 1976, and 1977 from trade sources.<sup>4</sup> Less than \$50,000.<sup>5</sup> Includes live beef cattle, and feeder cattle.

Commodity Futures Trading Commission.



Table 794.—Commodity futures: Estimated number of futures transactions and average monthend open interest for principal regulated commodities, 1973-77<sup>1</sup>

Commodity	Transactions (one side only)					Average monthend open interest				
	1973	1974	1975*	1976*	1977*	1973	1974	1975*	1976*	1977*
Wheat	Thousands	Thousands	Thousands	Thousands	Thousands	Number	Number	Number	Number	Number
Wheat	2,160	3,122	3,143	3,994	2,659	37,723	42,560	54,743	71,681	67,677
Corn	4,177	4,813	5,001	4,683	5,073	81,035	78,383	81,311	93,686	109,039
Oats	192	204	148	130	(*)	3,168	3,554	2,726	3,178	2,983
Sorghum grain	2	2	1	(*)	(*)	169	91	47	197	18
Soybeans	2,798	2,843	4,047	8,615	8,217	89,562	48,677	64,008	89,239	99,602
Soybeans meal	661	878	792	1,354	2,273	22,948	33,341	30,143	29,921	43,861
Soybeans oil	1,713	1,707	1,792	1,883	2,533	37,035	39,035	28,141	42,243	51,407
Cotton	13	11	6	939	626	497	10,037	457	25,889	34,333
Wool	450	384	529	1	(*)	16,662	14,378	14,417	94	1
Eggs, shell	5	2	1	146	130	436	259	124	2,061	1,820
Potatoes	621	361	143	459	525	6,460	3,680	2,671	9,189	12,783
Orange juice, frozen concentrated	706	784	798	459	525	14,367	13,726	16,611	3,988	11,672
Cattle*	183	96	66	70	378	4,653	4,201	4,027	3,958	3,958
Hogs*	2,879	2,444	2,457	2,710	2,773	28,533	24,596	32,944	39,132	32,335
Pigs*	1,661	1,465	1,465	1,301	1,359	18,581	16,442	18,362	18,581	18,581
Pork, frozen bellies	1,189	732	1,443	1,301	1,359	9,440	6,442	12,362	8,430	9,676
Total	18,499	19,531	21,657	24,461	26,426	334,160	305,476	354,732	432,380	501,986

<sup>1</sup> Commodities covered by the Commodity Exchange Act prior to April 1975.

\* Terms of contract for all contract markets combined. Contract unit is as shown in unit column of table. For example, for soybeans, 1 bushel; for soybeans meal, 100 pounds; for soybeans oil, 100 pounds; for Kansas City Board of Trade, and 400,000 pounds beginning with the 1972 September futures and 300,000 pounds prior to that future for Chicago Mercantile Exchange; cotton, 100 bales; eggs (shell) and potatoes, carlots; and soybean meal, 100 tons.

\* Data for 1975, 1976, and 1977 from trade sources.

\* Less than 500 transactions.

\* Includes live beef cattle and feeder cattle.

Commodity Futures Trading Commission.

Table 795.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1977

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders' speculative and hedging commitments *	Total	Total open interest			
		Speculative				Hedging				Total							
		Long or short only		Long and short (spreading) *		Total		Long		Short							
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short						
Wheat:																	
All markets.....																	
CBOT.....	5,000 bushels.....	3,962	3,152	7,253	7,252	11,215	10,404	37,898	45,453	49,113	85,957	17,962	11,118	87,075			
MAGE.....	do.....	3,877	2,906	6,688	6,604	10,265	9,510	19,334	20,223	29,499	35,733	14,242	8,841	43,641			
ROTKC.....	do.....	1	8	24	210	25	218	0	0	25	218	453	259	477			
MGE.....	do.....	224	236	358	420	582	665	15,185	14,006	15,737	15,631	2,047	2,183	17,784			
do.....	do.....	160	2	183	0	343	11	3,400	4,364	3,752	4,375	1,221	598	4,973			
Corn:																	
All markets.....																	
ABOT.....	do.....	4,995	5,274	9,354	9,353	14,349	14,627	67,220	62,479	81,569	77,106	30,470	30,823	108,689			
CBOT.....	do.....	4,995	5,271	9,212	9,218	14,207	14,499	67,220	62,301	81,427	76,580	29,870	-80,417	107,297			
MAGE.....	do.....	0	3	142	135	142	138	0	88	142	226	600	816	1,742			
Oats:																	
CBOT.....	do.....	61	28	94	94	185	122	962	1,182	1,117	1,304	1,841	1,464	2,858			
Soybeans:																	
All markets.....																	
ABOT.....	do.....	6,715	3,226	30,674	30,675	37,389	33,901	31,334	38,406	68,723	72,307	30,988	27,404	99,711			
CBOT.....	do.....	6,710	3,205	30,433	30,407	37,143	33,612	31,334	38,404	68,477	72,016	29,939	26,406	98,416			
MAGE.....	do.....	5	21	241	268	246	289	0	2	246	291	1,049	1,004	1,285			
Soybean meal:																	
CBOT.....	100 tons.....	4,183	4,974	9,762	9,762	13,915	14,726	20,685	21,748	34,600	36,484	8,961	7,077	43,861			
Soybean oil:																	
CBOT.....	60,000 pounds.....	6,577	5,070	16,680	16,680	23,266	21,789	16,806	22,961	40,672	44,720	11,325	6,857	51,437			
Cotton:																	
NYCE.....	Orange juice, frozen concentrated:	2,026	1,281	2,247	2,247	4,273	3,528	12,375	14,480	16,546	17,978	7,784	6,384	34,632			
CA, NYCE.....	15,000 pounds.....	1,186	240	1,842	1,842	3,028	2,182	4,183	4,854	7,181	6,766	4,491	4,906	11,472			
Hogs, live:																	
CBOT.....	30,000 dozens.....	130	144	33	23	163	177	102	305	265	482	1,555	1,338	1,820			
Cattle:																	
(Maine) NYME.....	do.....	2,171	1,814	781	817	2,982	2,631	441	3,273	3,393	5,904	6,367	3,856	9,760			
All markets.....																	
ABOT.....	do.....	10,248	3,867	2,660	2,660	12,808	6,367	4,924	27,260	17,732	33,627	35,019	19,124	82,751			
CBOT.....	(Live beef) CME.....	9,405	3,287	2,363	2,363	11,768	5,650	4,180	28,553	18,948	31,263	30,019	16,400	47,405			
(Live feeder) CME.....	do.....	843	520	197	197	1,040	744	1,707	1,707	1,784	2,424	3,364	2,724	5,116			
Hogs, live:																	
CBOT.....	30,000 pounds.....	3,640	1,722	1,790	1,953	5,448	3,676	406	694	5,854	4,370	9,326	10,810	15,180			
Cattle, frozen bellies:																	
CME.....	35,000 pounds.....	1,623	1,908	1,932	1,952	3,575	3,860	156	787	3,731	4,647	5,945	5,029	9,676			

See footnotes on page 582.

Table 795.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1977

Table 796.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1977<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders and speculative and hedging commitments *	Total open interest				
		Speculative						Hedging						Total			
		Long or short only		Long and short (spreading) †		Total		Long		Short				Long		Short	
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡		
Wheat:																	
All markets		Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡
CBOT		5.9	4.7	10.8	8.7	15.7	13.4	15.5	36.8	83.4	38.8	16.6	100.0				
ABOT	5,000 bushels	8.2	6.6	12.3	15.1	23.3	13.3	21.7	44.1	69.8	32.4	18.5	100.0				
MACE	"do.	1.2	1.7	2.9	4.0	5.2	3.2	46.7	82.2	87.6	11.5	100.0					
ROTKC ‡	"do.	1.3	1.3	2.6	2.4	5.0	3.4	3.4	68.6	87.6	11.5	100.0					
NGE ‡	"do.	3.2	1.1	5.7	3.3	6.9	4.9	68.6	87.6	85.0	12.1	100.0					
Corn:																	
All markets		Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡
CBOT		4.6	4.9	8.7	8.7	13.3	13.3	62.2	62.2	67.8	24.5	28.6	100.0				
ABOT	"do.	4.7	4.9	8.6	8.6	13.3	13.3	73.9	71.7	71.7	24.1	28.3	100.0				
MACE	"do.	0	0	19.1	18.2	19.1	18.6	0	11.9	19.1	80.9	69.5	100.0				
Oats:																	
CBOT		2.1	1.0	3.2	3.2	5.3	5.3	4.2	32.5	40.0	62.2	55.8	100.0				
Soybeans:																	
All markets		Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡
CBOT		6.7	3.2	30.8	30.8	37.5	34.0	31.4	31.4	35.5	68.9	31.1	27.5	100.0			
MACE	"do.	6.8	3.3	30.9	30.9	37.7	34.2	31.9	33.0	69.6	73.2	30.4	26.8	100.0			
Soybean meal:																	
CBOT	100 tons	10.2	11.4	21.7	22.4	31.9	33.8	47.5	40.9	79.4	82.8	20.6	16.2	100.0			
Soybean oil:																	
CBOT	60,000 pounds	12.8	9.9	32.5	32.5	45.3	42.3	32.7	44.7	78.0	87.0	22.0	13.0	100.0			
Cattle:																	
NYMEX ‡	100 heads	8.3	5.3	9.2	9.2	17.6	14.5	50.4	59.3	67.9	73.8	32.1	26.2	100.0			
Orange juice, frozen concentrated:																	
CA, NYMEX ‡	15,000 pounds	10.2	2.9	15.8	15.8	26.0	18.7	35.4	39.3	61.4	58.0	38.6	42.0	100.0			
Eggs, shell:																	
CME ‡	22,800 dozen	7.1	7.9	1.8	1.8	8.9	8.9	9.7	5.7	16.8	14.6	26.5	73.5	100.0			
Peanut:																	
(Maine) NYMEX ‡	30,000 pounds	22.3	18.6	8.0	8.4	30.3	27.0	4.5	33.5	34.8	60.5	39.5	39.5	100.0			
Cattle:																	
All markets		Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡	Per- cent ‡
(Live beef) CME	40,000 pounds	19.4	7.2	4.9	4.9	24.3	12.1	9.3	51.7	63.8	66.4	36.2	36.2	100.0			
(Live feeder) CME	42,000 pounds	19.8	6.9	5.0	5.0	24.8	11.9	8.8	53.7	65.6	66.4	34.4	34.4	100.0			
Hogs, live:																	
CME	30,000 pounds	24.0	11.3	11.9	12.9	35.9	24.2	2.7	4.6	28.5	61.4	71.2	71.2	100.0			
Pork, frozen bellies:																	
CME	36,000 pounds	16.8	19.7	30.2	30.2	37.0	39.9	1.6	8.1	35.6	61.4	82.0	82.0	100.0			

See footnotes on page 583.

Table 797.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1963-77 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1963.....	4,847	1,657	1,073	78	2,039
1964.....	4,541	1,643	1,033	71	1,794
1965.....	4,776	1,750	1,043	76	1,905
1966.....	4,368	1,901	894	77	1,794
1967.....	4,055	1,452	1,001	77	1,625
1968.....	4,180	1,543	1,017	67	1,533
1969.....	4,337	1,520	993	68	1,756
1970.....	4,917	1,595	1,150	71	2,101
1971.....	5,018	1,590	1,019	76	2,343
1972.....	4,806	1,612	976	70	2,148
1973.....	4,558	1,715	882	59	2,301
1974.....	4,967	1,690	1,005	69	2,225
1975 <sup>1</sup> .....	4,842	1,666	935	69	2,172
1976 <sup>1</sup> .....	5,350	1,855	1,094	63	2,345
1977 <sup>1</sup> .....	5,198	2,025	1,078	55	2,040

<sup>1</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 798.—Frozen fishery products: Production, by geographic divisions, 1963-77

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1963.....	131,337	9,299	44,579	1,263	760	78,813	87,415	351,496
1964.....	125,802	9,211	41,332	482	60	75,412	79,988	332,294
1965.....	135,329	3,783	41,206	2,000	38	85,601	92,734	366,781
1966.....	135,162	4,327	39,780	421	28	75,698	103,225	358,630
1967.....	108,254	3,516	32,819	1,856	18	90,884	86,934	334,281
1968.....	126,187	3,609	45,555	1,322	41	104,363	87,450	368,427
1969.....	101,147	3,248	58,770	69	15	108,913	80,533	352,695
1970.....	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294
1971.....	100,522	1,791	58,884	1,366	-----	117,968	81,477	362,008
1972.....	107,611	3,067	49,257	1,065	20	119,146	88,749	368,945
1973.....	101,527	15,325	50,544	4,486	2	101,162	137,320	410,366
1974.....	75,143	20,351	45,719	4,152	12	75,710	118,847	339,934
1975.....	82,610	10,500	48,340	4,623	2	61,815	91,762	299,632
1976.....	92,843	7,515	47,661	1,182	80	70,044	102,347	321,672
1977.....	95,853	7,857	36,006	4,846	367	60,302	140,459	345,690

U.S. Department of Commerce, National Marine Fisheries Service.

## FOOTNOTES FOR TABLE 795

- <sup>1</sup> Commodities covered by the Commodity Exchange Act prior to April 1975. Preliminary.  
<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.  
<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.  
<sup>4</sup> Number of contracts.  
<sup>5</sup> Chicago Board of Trade.  
<sup>6</sup> Mid-America Commodity Exchange.  
<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.  
<sup>8</sup> Minneapolis Grain Exchange.  
<sup>9</sup> New York Cotton Exchange.  
<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.  
<sup>11</sup> Chicago Mercantile Exchange.  
<sup>12</sup> New York Mercantile Exchange.

Commodity Futures Trading Commission.

Table 799.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1963-77

Year	Cod		Flounder		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1963.....	10,432	3,365	45,864	16,426	36,708	13,284
1964.....	10,116	3,351	45,664	17,457	37,331	13,710
1965.....	9,975	3,530	49,596	20,267	40,154	16,286
1966.....	10,284	3,907	49,542	22,754	40,110	16,066
1967.....	14,006	5,409	45,287	20,731	34,069	15,376
1968.....	13,955	5,338	43,384	20,478	32,351	11,162
1969.....	15,397	6,980	46,229	24,961	13,333	8,492
1970.....	13,619	7,445	46,657	28,712	8,867	6,925
1971.....	14,970	9,144	38,325	28,049	6,738	6,633
1972.....	12,342	9,216	38,580	32,734	5,013	6,794
1973.....	17,142	13,796	40,322	40,646	6,431	9,104
1974.....	19,112	16,424	40,956	44,826	8,897	12,105
1975.....	15,586	14,868	41,974	53,126	8,219	12,347
1976.....	16,707	19,127	48,227	72,466	4,664	8,263
1977 <sup>2</sup> .....	22,399	25,880	43,168	67,609	14,713	21,434

  

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1963.....	30,250	8,490	2,405	535	40,296	15,311	165,985	57,461
1964.....	23,515	6,324	2,694	460	39,211	16,062	161,121	57,364
1965.....	22,696	6,156	2,286	509	44,135	19,566	168,832	66,314
1966.....	21,664	5,743	2,438	617	41,852	19,549	165,890	69,536
1967.....	19,477	5,172	1,818	452	36,338	17,106	152,995	64,326
1968.....	15,556	3,953	2,090	520	38,178	18,917	135,512	60,368
1969.....	14,618	4,037	265	270	47,121	24,717	137,613	69,457
1970.....	16,008	4,922	782	267	47,575	26,559	133,508	74,830
1971.....	18,343	6,075	482	154	49,534	25,390	128,392	75,445
1972.....	17,540	7,379	156	51	53,012	25,765	126,643	91,939
1973.....	15,628	8,183	2,750	1,081	51,066	38,661	133,359	111,371
1974.....	12,093	6,236	1,950	852	52,183	39,455	135,191	119,428
1975.....	8,397	5,673	926	613	56,821	51,296	131,923	137,623
1976.....	9,437	8,066	958	613	62,562	55,516	142,585	167,101
1977 <sup>3</sup> .....	10,440	10,098	868	545	58,365	54,838	149,953	180,404

<sup>1</sup> Packaged fish represents production of filets and steaks.<sup>2</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

## FOOTNOTES FOR TABLE 799

<sup>1</sup> Commodities covered by the Commodity Exchange Act prior to April 1975. Preliminary.<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.<sup>4</sup> Commitment data in contracts as a percentage of open interest for each contract market.<sup>5</sup> Chicago Board of Trade.<sup>6</sup> MidAmerica Commodity Exchange.<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.<sup>8</sup> Minneapolis Grain Exchange.<sup>9</sup> New York Cotton Exchange.<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.<sup>11</sup> Chicago Mercantile Exchange.<sup>12</sup> New York Mercantile Exchange.

Commodity Futures Trading Commission.

Table 800.—Canned fishery products: Production and value, United States, 1963-77

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mackerel <sup>1</sup>	Shrimp	Clam products <sup>2</sup>	Oysters	Other products	Total
		Maine	Pacific							
	Production									
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1963	158,153	37,890	2,568	328,099	57,395	18,904	58,742	6,249	370,909	1,035,909
1964	180,442	20,289	5,438	350,301	48,187	9,740	60,348	5,912	414,838	1,095,565
1965	174,413	29,646	374	358,349	31,655	15,629	67,592	4,033	438,938	1,121,629
1966	209,161	31,182	116	398,694	18,573	14,201	69,795	2,800	445,086	1,187,010
1967	99,473	29,280	(*)	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968	155,490	40,489		400,150	22,294	18,967	61,830	4,557	553,239	1,267,025
1969	122,444	24,402		403,386	17,354	20,729	63,923	2,000	515,043	1,168,281
1970	183,466	18,872		440,455	8,487	25,125	65,493	1,904	602,089	1,345,991
1971	168,452	22,249		444,294	16,517	22,345	70,978	3,387	580,594	1,328,816
1972	96,192	36,540		626,428	13,763	23,795	80,145	2,798	720,852	1,606,513
1973	71,772	23,284		646,421	2,851	25,228	90,770	2,058	784,973	1,647,357
1974	87,791	25,131		668,134	3,779	22,121	88,276	1,979	656,795	1,554,006
1975	78,080	26,008		542,491	9,738	12,407	78,972	2,402	638,759	1,385,983
1976	127,611	24,971		602,505	6,643	20,021	64,422	1,159	720,448	1,567,780
1977 <sup>4</sup>	138,828	23,496		566,909	32,620	23,687	73,629	1,090	573,103	1,433,062
	Value									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	87,963	13,244	685	202,158	7,003	19,531	17,449	5,633	67,341	421,607
1964	95,761	7,584	1,030	217,762	6,760	12,986	17,957	5,292	71,828	436,660
1965	122,744	10,868	71	233,370	4,997	20,655	18,067	3,701	80,728	495,231
1966	136,075	12,262	25	272,068	3,346	21,973	21,125	3,301	93,633	563,708
1967	76,121	13,862	(*)	264,056	2,363	24,332	21,726	6,152	116,951	325,563
1968	118,015	19,297		270,589	4,098	29,444	20,444	5,624	116,417	383,908
1969	90,286	11,512		299,636	3,317	27,780	22,045	2,164	118,843	575,535
1970	138,673	11,227		382,024	1,534	37,277	25,661	2,102	143,282	741,780
1971	137,822	10,856		416,552	3,076	33,648	26,344	4,514	137,455	770,597
1972	90,409	23,877		637,463	2,618	38,396	27,263	4,292	174,383	988,701
1973	111,105	15,688		711,757	540	55,234	38,103	3,688	231,045	1,167,160
1974	137,005	21,745		829,619	921	44,370	43,106	3,266	225,815	1,305,647
1975	115,291	24,917		662,702	2,614	27,650	41,773	4,065	192,933	1,071,945
1976	205,318	24,478		856,404	2,085	48,815	39,298	2,548	250,747	1,429,693
1977 <sup>4</sup>	202,446	27,205		938,962	17,496	69,671	64,466	2,608	234,744	1,557,898

<sup>1</sup> Beginning 1971, figures contain only Jack mackerel.<sup>2</sup> Represents the net weight of canned products. In the classifications, "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.<sup>3</sup> Included in "Other products," beginning 1967.<sup>4</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

**Table 801.—Fishery products: United States imports for consumption, 1973-77**

Class and item	Unit	1973			1974			1975			1976			1977		
		Quantity	Value	1,000 dollars	Quantity	Value	1,000 dollars	Quantity	Value	1,000 dollars	Quantity	Value	1,000 dollars	Quantity	Value	1,000 dollars
Edible fishery products:																
Fresh or frozen:																
Fish, fresh-water and salt-water:																
Whitefish	1,000 pounds	7,688	4,575	7,249	4,671	8,419	5,637	8,194	5,637	8,194	5,637	8,194	9,049	6,964		
Yellow pike	do.	4,380	3,022	4,181	3,063	6,067	4,521	6,480	6,067	6,480	6,067	6,480	6,247	4,947		
Cod, salted, lake, pollock, and coak	do.	23,276	8,211	12,017	4,313	12,772	4,023	13,002	12,772	13,002	12,772	13,002	10,086	9,096		
Salmon	do.	12,619	10,118	5,357	5,168	7,966	8,036	7,742	7,966	8,036	7,742	7,966	8,708	10,794		
Herring	do.	18,257	16,834	12,483	14,031	9,260	11,469	7,422	9,260	11,469	7,422	9,260	79,720	63,478		
Sea herring	do.	787,461	5,083	86,863	4,672	99,189	5,118	76,817	99,189	5,118	76,817	99,189	79,720	63,478		
Tuna <sup>1</sup>	do.	784,778	210,711	784,778	210,711	478,457	318,688	793,049	478,457	318,688	793,049	478,457	793,248	283,080		
Other	do.	778,162	435,090	581,549	383,127	678,437	308,688	547,994	678,437	308,688	547,994	678,437	783,248	265,485		
Fileted, skinned, and boned	do.	81,991	31,062	86,187	33,264	85,906	34,868	74,198	85,906	34,868	74,198	85,906	74,944	42,104		
Other	do.	2,167	2,147	1,602	1,186	1,436	919	2,132	1,436	919	2,132	1,436	2,989	2,400		
Shrimp:	do.	84,262	147,875	55,320	178,193	88,070	188,564	64,351	88,070	188,564	64,351	88,070	60,019	280,302		
Crabs	do.	190,535	278,458	222,894	379,766	200,339	344,552	227,460	200,339	344,552	227,460	200,339	225,306	498,236		
Shrimp	do.	32,671	49,643	31,495	46,871	31,339	49,298	43,895	31,339	49,298	43,895	31,339	43,895	72,044		
Other	do.															
Canned fish and shellfish:																
Anchovies	do.	7,410	10,143	5,998	8,723	4,988	6,271	4,733	4,988	6,271	4,733	4,988	5,395	11,102		
Sardines	do.	40,945	38,274	53,957	51,354	31,762	48,327	50,014	31,762	48,327	50,014	31,762	36,006	45,600		
Tuna, bonito, and yellowtail	do.	1,784	7,973	1,688	8,627	2,104	10,947	2,865	2,104	10,947	2,865	2,104	13,898	15,894		
Other	do.	115,540	63,907	142,468	99,782	76,989	64,006	103,725	76,989	64,006	103,725	76,989	87,334	100,893		
Canned fish, dried, pickled, salted, smoked or kippered	do.	67,227	34,748	82,823	41,102	60,307	38,708	76,877	60,307	38,708	76,877	60,307	63,010	48,847		
Other fish and shellfish	do.	33,719	9,148	39,310	11,633	6,819	2,840	3,941	6,819	2,840	3,941	6,819	4,510	4,112		
Total edible products	do.	2,410,193	1,398,464	2,366,880	1,695,390	1,913,089	1,987,180	2,236,475	1,913,089	1,987,180	2,236,475	1,913,089	2,170,192	2,078,462		
Nonedible fishery products:																
Fish and marine animal oils:																
Fish scrap and meal	1,000 gallons	1,693	1,535	2,140	3,787	1,852	3,207	3,109	1,852	3,207	3,109	1,852	4,459	4,122		
Other nonedible products:	1,000 tons	68	14,286	68	186,005	118	23,576	149	118	23,576	149	118	32,872	30,458		
Other nonedible products			166,828				243,138						375,166	812,357		
Total nonedible products			184,649		215,408		269,919						415,497	842,937		
Grand total			1,893,133		1,710,878		1,637,099						2,332,845	2,491,429		

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.



Table 802.—Domestic fishery products: United States exports, 1973-77

Class and item	Unit	1973		1974		1975		1976		1977	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fresh, frozen:											
Fish:											
Cod, haddock, lake, pollock, and cusk.....	1,000 pounds.....	1,606	821	1,314	814	2,339	1,347	3,275	2,247	3,190	2,070
Salmon.....	do.....	60,742	59,641	28,067	34,924	45,229	51,632	3,217	75,446	69,344	125,398
Other.....	do.....	46,627	15,812	50,456	19,776	57,654	24,048	75,867	35,546	107,633	62,133
Shellfish:											
Sturgeon.....	do.....	37,434	52,470	37,728	47,340	28,078	54,081	23,206	57,023	26,089	60,731
Other.....	do.....	27,063	27,439	31,730	25,447	22,239	27,433	30,320	44,140	48,365	81,324
Crustaceans:											
Fish:											
Mackerel.....	do.....	248	46	353	76	560	129	499	107	1,244	327
Salmon.....	do.....	16,941	26,813	8,320	12,268	22,504	34,523	19,535	33,595	21,273	34,031
Sardines.....	do.....	1,740	1,051	1,711	1,143	2,721	1,629	1,629	1,556	2,171	855
Other.....	do.....	13,063	13,394	10,292	15,583	6,547	7,865	11,054	13,069	11,000	14,503
Shellfish:											
Sturgeon.....	do.....	9,949	14,472	6,885	11,530	6,223	10,253	7,769	14,655	8,066	18,066
Other.....	do.....	13,133	6,890	12,815	6,255	11,515	8,562	12,114	9,228	8,860	9,333
Crusts:											
Miscellaneous fish.....	do.....	9,403	22,372	8,178	18,252	10,009	30,153	13,059	44,919	23,051	73,892
Miscellaneous shellfish.....	do.....	454	645	152	265	134	269	283	767	326	722
Total edible products.....	do.....	232,943	241,856	178,011	194,966	218,153	267,360	240,565	329,310	331,059	472,375
Nonedible fishery products:											
Fish oils:											
Whale and sperm oil.....	do.....	247,793	33,945	199,122	39,565	191,843	27,849	179,235	29,946	90,633	18,107
Fish oil.....	do.....	448	83	3,042	645	1,316	288	67	5,107	6,993	1,672
Fur, tallow, dressed or dyed.....	1,000 pieces.....	113	9,417	81	6,756	47	2,919	37	2,32	32	4,624
Shells, unmanufactured.....	1,000 pounds.....	14,387	1,762	8,577	1,573	7,590	1,917	9,867	2,42	12,560	19,875
Other nonedible.....	do.....	---	3,136	---	19,617	---	4,990	---	16,985	---	---
Total nonedible products.....	do.....	---	48,343	---	67,166	---	37,369	---	54,890	---	47,121
Grand total.....	do.....	---	290,199	---	262,132	---	304,729	---	384,200	---	520,496

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.

Table 803.—Industrial fishery: Production, United States, 1963-77

Year	Marine animal scrap and meal					Marine animal body, liver, and viscera oil		
	Menhaden dried scrap and meal	Herring meal	Tuna and mackerel meal	Other meal dried and green scrap	Total scrap and meal		Menhaden oil	Herring oil
					Amount	Value		
	Tons	Tons	Tons	Tons	1,000 tons	1,000 dollars	1,000 gallons	1,000 gallons
1963	184,205	7,537	26,957	37,308	256	30,235	21,630	737
1964	160,346	8,581	21,113	44,909	235	27,945	20,353	1,336
1965	175,959	12,932	25,399	39,761	254	35,707	22,607	1,160
1966	134,954	11,960	25,290	31,717	234	32,515	18,608	1,017
1967	119,135	9,492	25,487	57,075	211	26,038	13,052	732
1968	142,154	15,411	28,781	47,790	235	30,261	19,615	1,230
1969	180,493	6,563	26,870	59,738	253	39,823	19,246	450
1970	188,550	6,415	26,674	47,558	269	46,353	24,037	702
1971	220,996	5,189	29,257	37,340	293	44,501	31,489	756
1972	193,590	5,487	43,226	43,213	286	48,289	21,543	853
1973	188,766	4,457	43,635	50,639	288	119,905	25,870	222
1974	203,850	5,191	45,244	45,420	301	84,380	28,006	(1)
1975	191,443	5,581	37,209	58,198	290	65,545	27,519	298
1976	212,553	4,335	40,056	52,744	309	96,515	24,052	268
1977 <sup>2</sup>	193,268	2,294	39,750	47,688	283	97,571	14,987	57

Year	Marine animal body liver, and viscera oil—Continued					Value of—			
	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other by-products	Grand total
					Amount	Value			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	782	275	3	571	23,978	10,553	7,001	20,512	68,661
1964	621	408	3	531	23,251	13,297	6,192	22,213	69,647
1965	619	344	(1)	548	25,218	14,852	5,676	26,668	82,530
1966	530	176		838	21,167	12,321	5,132	23,083	75,083
1967	673	320		968	18,793	6,112	4,933	23,944	61,027
1968	587	369		720	22,461	7,327	4,651	27,888	70,127
1969	549	224		1,459	21,908	9,326	4,170	35,893	80,212
1970	456	88		1,308	26,591	18,185	3,409	31,593	99,540
1971	637	54		1,316	34,252	20,831	4,128	37,091	106,551
1972	649			1,470	24,315	13,117	4,210	90,366	155,982
1973	954			1,939	28,985	25,363	4,015	53,345	202,828
1974	880			1,821	30,707	40,216	4,651	60,587	198,534
1975	831			3,141	31,897	32,603	5,847	58,302	162,297
1976	818			1,290	26,398	31,156	6,055	50,694	184,750
1977 <sup>2</sup>	530			1,680	17,254	28,375	6,708	66,298	198,786

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.<sup>2</sup> Preliminary.<sup>3</sup> Beginning 1970, data for oystershell products only.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 804.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953-77<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1953.....	466,470	202,491	79,089	748,050
1955.....	498,599	245,860	68,968	813,017
1957.....	545,051	294,174	62,162	901,387
1959.....	569,199	328,313	50,872	948,384
1961.....	595,463	379,355	51,965	1,026,803
1963.....	633,447	428,350	56,373	1,118,069
1965.....	683,972	473,515	45,903	1,203,390
1967.....	734,804	517,458	41,833	1,294,105
1969.....	782,203	554,611	35,932	1,372,746
1971.....	774,355	624,442	38,272	1,437,069
1973.....	828,691	698,477	(*)	1,515,168
1975.....	876,292	754,865	-----	1,630,857
1977.....	893,589	784,943	-----	1,678,532

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.

<sup>2</sup> Included in "Private and semiprivate cold storage," beginning 1973.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 805.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1977<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
Ala.....	9,019	Ind.....	13,495	Nebr.....	16,496	S. Dak.....	2,433
Alaska.....	1,892	Iowa.....	27,485	Nev.....	1,035	Tenn.....	20,236
Ariz.....	6,010	Kans.....	38,836	N.H.....	5,362	Texas.....	56,600
Ark.....	8,144	Ky.....	6,540	N.J.....	43,065	Utah.....	15,172
Calif.....	200,798	La.....	5,643	N. Mex.....	1,374	Vt.....	2,234
Colo.....	10,168	Maine.....	18,425	N.Y.....	91,115	Va.....	49,479
Conn.....	6,604	Md. and D.C.....	15,979	N.C.....	9,581	Wash.....	256,923
Del.....	4,036	Mass.....	47,267	N.D.....	40,343	W. Va.....	5,316
Fla.....	129,482	Mich.....	65,985	Okla.....	7,419	Wis.....	45,566
Ga.....	41,563	Minn.....	33,468	Oreg.....	98,740	Other States.....	10,040
Hawaii.....	3,105	Miss.....	3,974	Pa.....	58,691		
Idaho.....	35,305	Mo.....	40,133	R.I.....	1,963	U.S.....	1,678,532
Ill.....	56,417	Mont.....	180	S.C.....	5,446		

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

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Table 806.—Alaska crops: Acreage harvested, 1963-77

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1963.....	1,000	2,200	1,100	6,500	4,400	2,200	790	185
1964.....	500	1,900	1,700	6,000	4,100	1,500	730	155
1965.....	600	1,600	1,200	5,700	3,100	1,200	780	145
1966.....	400	1,600	1,400	6,800	2,500	1,400	710	155
1967.....	600	1,800	1,200	7,500	2,400	1,400	890	180
1968.....	900	1,900	900	7,000	2,100	1,400	630	285
1969.....	500	1,200	1,100	7,000	1,600	1,400	620	250
1970.....	500	1,500	1,400	6,000	1,500	1,400	610	200
1971.....	200	3,100	1,900	5,100	2,200	2,000	630	305
1972.....	500	2,800	2,400	8,500	1,900	1,900	550	170
1973.....	600	3,100	2,200	9,400	1,200	1,700	500	165
1974.....	400	1,100	3,200	9,400	1,100	1,700	570	155
1975.....	400	1,500	3,600	10,800	1,000	1,800	530	165
1976.....	300	1,300	3,900	10,400	1,000	1,800	510	175
1977 <sup>2</sup> .....	400	2,600	2,100	10,200	1,000	1,400	520	162

<sup>1</sup> Excludes greenhouse-grown vegetables.<sup>2</sup> Preliminary.

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Table 807.—Alaska crops: Volume harvested, 1963-77

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1963.....	14,400	31,700	1,700	7,800	25,500	6,800	140,000	22,000
1964.....	12,000	36,600	2,800	8,200	23,800	5,400	140,900	17,900
1965.....	15,400	32,300	2,200	6,600	17,700	4,000	151,000	14,500
1966.....	10,200	24,600	2,100	9,200	14,300	4,000	111,500	18,500
1967.....	14,800	36,300	1,900	11,200	14,600	4,900	138,000	18,200
1968.....	15,000	27,400	1,100	8,800	12,800	5,800	114,700	24,800
1969.....	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970.....	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971.....	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972.....	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973.....	5,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974.....	3,200	18,200	4,000	11,500	5,900	6,600	90,500	16,000
1975.....	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976.....	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977 <sup>2</sup> .....	6,300	60,500	3,500	17,100	3,900	7,700	115,000	20,000

<sup>1</sup> Excludes greenhouse-grown vegetables.<sup>2</sup> Preliminary.

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Table 808.—Alaska crops: Value of production, 1963-77

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1963.....	65,000	135,000	551,000	594,000	612,000	201,000
1964.....	53,000	144,000	626,000	540,000	1,043,000	217,000
1965.....	57,000	131,000	528,000	412,000	786,000	203,000
1966.....	42,000	140,000	655,000	329,000	619,000	218,000
1967.....	62,000	144,000	721,000	312,000	642,000	228,000
1968.....	68,000	117,000	545,000	276,000	654,000	297,000
1969.....	17,000	55,000	539,000	184,000	378,000	195,000
1970.....	29,000	98,000	705,000	245,000	705,000	235,000
1971.....	17,000	83,000	576,000	351,000	772,000	319,000
1972.....	21,000	101,000	1,160,000	367,000	941,000	291,000
1973.....	58,000	383,000	1,332,000	320,000	1,179,000	282,000
1974.....	37,000	188,000	2,054,000	500,000	1,122,000	381,000
1975.....	44,000	287,000	2,782,000	532,000	1,304,000	390,000
1976.....	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977 <sup>2</sup> .....	51,000	479,000	2,781,000	433,000	1,265,000	460,000

<sup>1</sup> Excludes greenhouse-grown vegetables.<sup>2</sup> Preliminary.

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